

# леи, ерметики и наполнители

## Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231  
Ангарск (3955)60-70-56  
Архангельск (8182)63-90-72  
Астрахань (8512)99-46-04  
Барнаул (3852)73-04-60  
Белгород (4722)40-23-64  
Благовещенск (4162)22-76-07  
Брянск (4832)59-03-52  
Владивосток (423)249-28-31  
Владикавказ (8672)28-90-48  
Владимир (4922)49-43-18  
Волгоград (844)278-03-48  
Вологда (8172)26-41-59  
Воронеж (473)204-51-73  
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06  
Ижевск (3412)26-03-58  
Иркутск (395)279-98-46  
Казань (843)206-01-48  
Калининград (4012)72-03-81  
Калуга (4842)92-23-67  
Кемерово (3842)65-04-62  
Киров (8332)68-02-04  
Коломна (4966)23-41-49  
Кострома (4942)77-07-48  
Краснодар (861)203-40-90  
Красноярск (391)204-63-61  
Курск (4712)77-13-04  
Курган (3522)50-90-47  
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13  
Москва (495)268-04-70  
Мурманск (8152)59-64-93  
Набережные Челны (8552)20-53-41  
Новокузнецк (3843)20-46-81  
Ноябрьск (3496)41-32-12  
Новосибирск (383)227-86-73  
Омск (3812)21-46-40  
Орел (4862)44-53-42  
Оренбург (3532)37-68-04  
Пенза (8412)22-31-16  
Петрозаводск (8142)55-98-37  
Псков (8112)59-10-37  
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15  
Рязань (4912)46-61-64  
Самара (846)206-03-16  
Санкт-Петербург (812)309-46-40  
Саратов (845)249-38-78  
Севастополь (8692)22-31-93  
Саранск (8342)22-96-24  
Симферополь (3652)67-13-56  
Смоленск (4812)29-41-54  
Сочи (862)225-72-31  
Ставрополь (8652)20-65-13  
Сургут (3462)77-98-35  
Сыктывкар (8212)25-95-17  
Тамбов (4752)50-40-97  
Тверь (4822)63-31-35

Тольятти (8482)63-91-07  
Томск (3822)98-41-53  
Тула (4872)33-79-87  
Тюмень (3452)66-21-18  
Ульяновск (8422)24-23-59  
Улан-Удэ (3012)59-97-51  
Уфа (347)229-48-12  
Хабаровск (4212)92-98-04  
Чебоксары (8352)28-53-07  
Челябинск (351)202-03-61  
Череповец (8202)49-02-64  
Чита (3022)38-34-83  
Якутск (4112)23-90-97  
Ярославль (4852)69-52-93

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3M™ Nitrile Industrial Adhesive 4491, Tan, 5 Gallon Pour Spout (Pail), Drum



3M™ Scotch-Weld™ Epoxy Adhesive 1386, Cream, 1 Quart, 12 Can/Case



3M™ Aerospace Sealant AC-350 B-2, 5 gal Kit, 1 Kit/Case



3M™ Aerospace Sealant AC-350 A-1, pt Kit, 16 Kit/Case



3M™ Aerospace Sealant AC-350 B-2, gal Kit, 4 Kit/Case



3M™ Aerospace Sealant AC-350 A-2, pt Kit, 16 Kit/Case



3M™ Aerospace Sealant AC-350 B-2, 2 oz Kit, 24 Kit/Case



3M™ Aerospace Sealant AC-350 B-2, 25 g Kit, 50 Kit/Case



3M™ Aerospace Sealant AC-350 B-2, 1 pt Kit, 16 Kit/Case



3M™ Aerospace Sealant  
AC-350 B-1/2, 3.5 oz Kit, 24  
Kit/Case



3M™ Aerospace Sealant  
AC-350 B-1/2, pt Kit, 16 Kit/Case



3M™ Aerospace Sealant  
AC-350 B-2, 3.5 oz Kit, 24  
Kit/Case



3M™ Aerospace Sealant  
AC-350 A-2, 3.5 oz Kit, 24  
Kit/Case



3M™ Scotch-Weld™ Repair  
Paste RP-2110 48.5 mL, 6  
Each/Case



3M™ Scotch-Weld™ Epoxy  
Adhesive 2214, Non-Metallic  
Filled, Cream, 6 oz Cartridge,...  
Each/Case



3M™ Scotch-Weld™ Epoxy  
Adhesive DP125, Gray, 400 mL  
Duo-Pak, 6/Case



3M™ Scotch-Weld™ Epoxy  
Adhesive DP125, Gray, 48.5 mL  
Duo-Pak, 12/Case



3M™ Marine Adhesive Sealant  
5200, Tan, 295 mL Cartridge,  
12/Case



3M™ Scotch-Weld™ Epoxy Adhesive DP460EG, 50 mL Duo-Pak, 12 Each/Case



3M™ Super 77™ CA Multipurpose Spray Adhesive, Low VOC <25%, Clear, 24 fl ... (Net Wt 18.0 oz), 12 Can/Case



3M™ Heavy Duty Spray Adhesive 20CA, Clear, 16 fl oz Can (Net Wt 15.7 oz), 12/Case



3M™ Scotch-Weld™ Urethane Adhesive DP620NS, Black, 400 mL Duo-Pak, 24/Case



3M™ Scotch-Weld™ Plastic & Rubber Instant Adhesive PR40, Clear, 20 Gram, 10 Bottles/Case



3M™ Scotch-Weld™ Epoxy Adhesive 1838, Green, Part B/A, 1.8 Quart, 6 Kit/Case



3M™ Polyurethane Adhesive Sealant Accelerator AC63, 45 mL Sausage Pack with Manifo... 12/Case



3M™ Aerospace Sealant AC-730 B-1/2, Pint Kit, 16 per case



3M™ Aerospace Sealant AC-730 B-1/2, 3.5 oz Kit, 24 per case



3M™ Aerospace Sealant  
AC-730 C-8, 3.5 oz Kit, 24 per  
case



3M™ Aerospace Sealant  
AC-730 B-2, qt Kit, 9 Kit/Case



3M™ Aerospace Sealant  
AC-730 B-2, Pint Kit, 16 per  
case



3M™ Aerospace Sealant  
AC-730 C-8, Pint Kit, 16 per  
case



3M™ Aerospace Sealant  
AC-730 B-2, gal Kit, 4 Kit/Case



3M™ Aerospace Sealant  
AC-730 B-2, 3.5 oz Kit, 24 per  
case



3M™ Aerospace Sealant  
AC-730 B-2, 5 Gallon Kit, 1 per  
pallet



3M™ Aerospace Sealant  
AC-730 C-8, gal Kit, 4 Kit/Case



3M™ Windo-Weld™ Super Fast  
Urethane, 08609, Black, 10.5 fl  
oz Cartridge, 12 per case



3M™ Scotch-Weld™ Epoxy Adhesive 2158, Gray, Part B/A, 2 Gallon, 2 Kit/Case



3M™ Rubber and Vinyl Spray Adhesive 80, Yellow, 24 fl oz Can (Net Wt 19 oz), 6/Case, ... NOT FOR SALE IN CA AND OTHER STATES



3M™ Multi-Purpose Spray Adhesive 27, Clear, 16 fl oz Can (Net Wt 13.05 oz), 12/Case, ... NOT FOR SALE IN CA AND OTHER STATES



3M™ Scotch-Weld™ Instant Adhesive Surface Activator, Light Amber, 2 fl oz, 6... Bottles/Case



3M™ All-Around Autobody Sealant, 08500, 1/10 gal Cartridge, 12 per case



3M™ Foam Fast Spray Adhesive 74CA, Low VOC <25%, Orange, 24 fl oz (Net ... 19 oz), 12 Can/Case



3M™ Super 77™ Classic Cylinder Spray Adhesive, Clear, Large, Net Wt 29.3 lb, 1... Each/Case



3M™ Scotch-Weld™ One Part Epoxy Adhesive 6101, US Label, Off White, 30cc Syringe, ... 20/Case



3M™ Scotch-Weld™ Super Fast Instant Adhesive SF20, Clear, 20 Gram, 10 Bottles/Case



3M™ Hi-Tack Spray Adhesive 76, Clear, 24 fl oz Can (Net Wt 18.1 oz), 12/Case, NOT FOR SALE IN CA AND OTHER STATES



3M™ Scotch-Weld™ Metal Primer 3901, Red, 0.5 Pint, 12 Can/Case



3M™ Auto Glass Urethane Windshield Adhesive, 08693, 10.5 fl oz Cartridge, 12 per case



3M™ Scotch-Weld™ Low Odor Acrylic Adhesive DP8710NS



3M™ Scotch-Weld™ Low Density Void Filler 7246-2 B/A FST, 200 mL Cartridge, 6... Each/Case



3M™ Mix & Dispense Equipment - Application Tools



3M™ HoldFast 70 Adhesive, Clear, 55 Gallon Metal Closed Head (52 Gallon Net), Drum



3M™ Super 77™ Multipurpose Spray Adhesive



3M™ Scotch-Weld™ Low Odor Acrylic Adhesive DP810 Black





3M™ Scotch-Weld™ Metal Bonder Acrylic Adhesive Bead Free 8407NS



3M™ Black Weatherstrip Adhesive



3M™ Adhesion Promoter C110



3M™ Plastic Bonding Adhesive 1090B



3M™ Scotch-Weld™ PUR Adhesive TE040 Black



3M™ Hi-Strength Laminating Adhesive 92



3M™ OEM Match Seam Sealer



3M™ Scotch-Weld™ Epoxy Adhesive EC-9370 B/A FST



3M™ OEM Match Sprayable Tip





3M™ OEM Match Ripple Tip



3M™ Hi-Strength 94 ET Adhesive Bulk



3M™ Scotch-Weld™ PUR Adhesive TS230 Black



3M™ Nitrile High Performance Plastic Adhesive 1099L, Tan, 5 Gallon Pour Spout (Pail), 1... Can/Drum



3M™ Foam Fast 74 Cylinder Spray Adhesive



3M™ Scotch-Weld™ Epoxy Adhesive DP190 Gray



Bondo® Ready Mix Pouches Original Filler OR-xx



3M™ OEM Match Wing Nozzle Tip



3M™ Structural Adhesive Tape SAT1100S



3M™ Foam Fast 74 Spray Adhesive



3M™ Adhesion Promoter N210



3M™ Hi-Tack Composite Spray Adhesive 71



3M™ Scotch-Weld™ Epoxy Adhesive 1838L, Translucent, Part B/A, 2 Quart, 6 Kit/Case



3M™ Scotch-Weld™ EPX Plungers for Manual Applicators



3M™ Scotch-Weld™ Repair Paste 2220, 48.5 mL Cartridge, 6 Each/Case



3M™ Scotch-Weld™ Epoxy Adhesive 2214 Hi-Temp New Formula



3M™ All Purpose Fast Cure Filler, 05221, 9.3 fl oz (276 mL), 6 per case



3M™ Scotch-Weld™ Epoxy Adhesive 2214, Hi-Temp, Gray, 6 fl oz Cartridge, 6 Each/Case



3M™ Mix & Dispense  
Equipment - Injection Kit Mixers



3M™ Scotch-Weld™ Urethane  
Adhesive EC-3532 B/A



3M™ Scotch-Weld™ Structural  
Adhesive Film AF 555



3M™ Scotch-Weld™ Neoprene  
High Performance Rubber and  
Gasket Adhesive EC-1300



3M™ Scotch-Weld™ Epoxy  
Adhesive EC-2216 B/A



3M™ Aerospace Sealant  
AC-350 B-4, 4.5 oz Kit, 24  
Kit/Case



3M™ Aerospace Sealant  
AC-350 A-2, 25 g Kit, 50  
Kit/Case



3M™ Aerospace Sealant  
AC-350 A-2, 5 gal Kit, 1 Kit/Case



3M™ Aerospace Sealant  
AC-350 A-2, 2 oz Kit, 24  
Kit/Case



3M™ Aerospace Sealant  
AC-350 B-1/4, 25 g Kit, 50  
Kit/Case



3M™ Aerospace Sealant  
AC-350 B-1/4, 2 oz Kit, 24  
Kit/Case



3M™ Aerospace Sealant  
AC-350 B-4, qt Kit, 9 Kit/Case



3M™ Aerospace Sealant  
AC-350 B-1/2, 25 g Kit, 50  
Kit/Case



3M™ Aerospace Sealant  
AC-350 B-1/2, 5 gal Kit, 1  
Kit/Case



3M™ Aerospace Sealant  
AC-350 B-1/2, 2 oz Kit, 24  
Kit/Case



3M™ Aerospace Sealant  
AC-350 B-1/2, qt Kit, 9 Kit/Case



3M™ Aerospace Sealant  
AC-350 A-2, qt Kit, 9 Kit/Case



3M™ Aerospace Sealant  
AC-350 B-1/4, 3.5 oz Kit, 24  
Kit/Case



3M™ Aerospace Sealant  
AC-350 B-4, 3.5 oz Kit, 24  
Kit/Case



3M™ Aerospace Sealant  
AC-350 B-2, qt Kit, 9 Kit/Case



3M™ Adhesion Promoter 86A,  
Transparent, 1 pt



3M™ Hi-Strength Spray  
Adhesive 90CA, Low VOC  
<25%, Clear, 24 fl oz (Net Wt ...  
oz), 12 Can/Case



Dynatron™ 3 Pack Spreaders



3M™ Semi-Rigid Parts Repair



3M™ Rearview Mirror Adhesive



3M™ Fiberglass Matting  
Adhesive, 08277, 400 mL  
Cartridge, 6 per case



3M™ Scotch-Weld™ EPX  
Mixing Nozzles



3M™ Scotch-Weld™ Plastic & Rubber Instant Adhesive PR Gel



3M™ Pressure Sensitive Spray Adhesive 72, Blue, 24 fl oz Can (Net Wt 17.3 oz), 12/Case, N... FOR SALE IN CA AND OTHER STATES



3M™ Thermal Bonding Film 583



3M™ No Cleanup Replacement Nozzles



3M™ Auto Bedding and Glazing Compound



3M™ Metal Primer P592, Clear, 250 mL Bottle, 12/Case



3M™ Scotch-Weld™ Low Odor Acrylic Adhesive DP8710NS



3M™ Plastic Bonding Adhesive 2665



3M™ Scotch-Weld™ PUR Adhesive TE200





3M™ Scotch-Weld™ Urethane Adhesive 620NS, Black, Part A, 5 Gallon (Pail), Drum



3M™ Scotch-Weld™ Urethane Adhesive 620NS, Black, Part B, 5 Gallon (Pail), Drum



3M™ Scotch-Weld™ Urethane Adhesive 620NS, Black, Part A, 55 Gallon (50 Gallon Net), Drum



3M™ Scotch-Weld™ Urethane Adhesive DP620NS, Black, 48.5 mL Duo-Pak, 12/Case



3M™ Scotch-Weld™ Urethane Adhesive 620NS, Black, Part B, 55 Gallon (50 Gallon Net), Drum



3M™ Scotch-Weld™ Threadlocker TL22, Purple, 50 mL Bottle, 10/case



3M™ Scotch-Weld™ PUR Adhesive TS230 Off-White



3M™ Scotch-Weld™ Plastic & Rubber Instant Adhesive PR100



3M™ Scotch-Weld™ Low Odor Acrylic Adhesive DP8805NS





3M™ Hot Melt Adhesive 3764



3M™ Scotch-Weld™ Epoxy Adhesive DP420



3M™ Scotch-Weld™ Epoxy Adhesive DP125 Translucent



3M™ Scotch-Weld™ Acrylic Adhesive DP8410NS



3M™ Adhesive Sealant 760 UV



Bondo® Traffic, P-606 Flexible Loop Sealer with Hardener



Bondo® Liquid Hardener, 00912, .37 oz



Bondo® Bumper and Flexible Part Repair



3M™ Static Mixing Nozzle



3M™ Flexible Foam, 08463, 200 mL Cartridge, 6 per case



3M™ Dry Layup Adhesive 2.0



3M™ Scotch-Weld™ Core Splice Adhesive Film AF 3074 FST



3M™ Scotch-Weld™ Structural Adhesive EW2020



3M™ Scotch-Weld™ Epoxy Adhesive DP110 Translucent



3M™ Wet Surface Adhesive 18093, .20 oz (5.6 g)\*IN DEVELOPMENT - NOT... RELEASED\*



3M™ Wind Epoxy Filler W3120, 200 mL, 6 Cartridges/Box, 6 Kits/Case



Scotch® Super Glue Liquid, Single Use



003 SCOTCH® ACID-FREE GLUE STICK, 40 GRAM, 1.41 OUNCE, 4... EACH/INNER, \_x000D\_, 24 EACH/CASE, ENGLISH



Scotch® Super Glue Gel, Tubes



3M™ Scotch-Weld™ Epoxy Adhesive EC-2216 B/A Translucent



3M™ Scotch-Weld™ Urethane Adhesive EC-3535 B/A



3M™ Scotch-Weld™ Structural Adhesive Film AF 143-2, .100 wt, 40 in x 50 yd, 1 Roll/Case



3M™ Scotch-Weld™ Epoxy Adhesive EC-2615 B/A



3M™ Protective Tape Application Solution, 1 qt



3M™ Surface Pre-Treatment AC-130-2



3M™ Scotch-Weld™ Multi-Material Composite Urethane Adhesive DP6310NS



3M™ Scotch-Weld™ Epoxy Adhesive EC-3542 B/A FR



3M™ Platinum™ Select Filler



3M™ Adhesion Promoter  
N200T



3M™ Scotch-Weld™ PUR  
Applicator Bench Mount Bracket  
Assembly, 1/Case



Dynatron™ Ultra-Glass™ Milled  
Glass



Dynatron™ Blue Cream  
Hardener



3M™ Semi-Rigid Plastic Repair



3M™ Scotch-Weld™ Plastic &  
Rubber Instant Adhesive PR600



3M™ Industrial Plastic Adhesive  
4475



Dynatron™ Auto Seam Sealer  
Caulk



3M™ Wetordry™ Rubber Squeegee, 05517, 2-3/4 in x 4 1/4 in, 50 per case



3M™ Flexiclear™ Body Seam Sealer, 08405, 1/10 gal cartridge, 12 per case



3M™ Dent Finishing Glaze, 05857, 276 mL DMS Cartridge, 6 per case



3M™ Spray Trim Adhesive



3M™ Dynamic Mixing System Nozzle



3M™ Scotch-Weld™ Urethane Adhesive EC-3549 B/A



3M™ Scotch-Weld™ Structural Adhesive Film AF 6



3M™ Scotch-Weld™ Structural Adhesive Film AF 147, .110 wt, 36 in x 36 yd, 1 Roll/Case



3M™ Scotch-Weld™ Epoxy Adhesive EC-2792 B/A



3M™ Surface Pre-Treatment  
AC-131



3M™ Scotch-Weld™ Urethane  
Adhesive DP640, Brown, 48.5  
mL Duo-Pak, 12/Case



3M™ Scotch-Weld™  
Threadlocker TL43



3M™ Scotch-Weld™ Plastic &  
Rubber Instant Adhesive  
PR1500



3M™ Scotch-Weld™ Low Odor  
Acrylic Adhesive DP8810NS



3M™ Sprayable Hot Melt  
Adhesive 6111HT



3M™ Scotch-Weld™ Epoxy  
Adhesive DP420LH



3M™ Scotch-Weld™ Epoxy  
Adhesive 1469



3M™ Scotch-Weld™ Acrylic  
Adhesive Accelerator A3-1





3M™ Marine Adhesive Sealant 4000 UV



3M™ Fastbond™ Spray Activator 1



3M™ Ultrapro™ Autobody Sealant, 08302, Clear, 5 oz Tube, 6 per case



Dynatron™ White Cream Hardener



3M™ Replacement Applicator Plunger



3M™ Detector Loop Sealant 5000, 65749, 1 Litre, 12 per case



3M™ Flexible Bumper Patch Kit, 05888, Black, 4 in x 8 in, 1 per case



3M™ Plastic Adhesive 2262



3M™ Scotch-Weld™ Instant Adhesive CA40





Dynatron™ Dyna-Glass Short Strand



3M™ Flowable Finishing Glaze



3M™ Scotch-Weld™ Low Odor Instant Adhesive LO1000, Clear, 20 Gram Bottle, 10/case



3M™ Shipping-Mate™ Case Sealing Adhesive, Clear, 24 fl oz Can (Net Wt 17.3 oz), 12/Cas...  
NOT FOR SALE IN CA AND OTHER STATES



3M™ Scotch-Weld™ Stainless Steel High Temperature Pipe Sealant PS67



3M™ High Performance Industrial Plastic Adhesive 4693



3M™ Scotch-Weld™ Epoxy Adhesive DP420NS



3M™ Scotch-Weld™ Epoxy Adhesive 1751, Gray, Part B/A, 1.66 Gallon, 2 Kit/Case



3M™ Scotch-Weld™ Anaerobic Activator AC649, Green, 8 fl oz Bottle, 4/case



3M™ Sealant 730 UV, Clear, 305 mL Cartridge, 12/Case



Bondo® Wood Filler



Bondo® Professional Glazing and Spot Putty



3M™ Structural Adhesive



3M™ Dry Layup Adhesive 1.0



3M™ Brushable Seam Sealer, 08656, 1 Quart, 946 mL, 6 per case



3M™ High Strength Large Hole Repair Kit



18081 3M(TM) CONCRETE ADHESIVE, 1 OZ (28 G)



6108-EDU-3 Scotch(R) Glue Sticks 3 Pack Purple



Scotch® Super Glue Brush-On  
AD127, .17 oz



Scotch® Purple Glue Stick



3M™ OEM Match Air Supply Kit  
33999, 10 Kits/Case



3M™ Scotch-Weld™ One-Part  
Epoxy Adhesive 6102



3M™ Hi-Strength 90 Cylinder  
Spray Adhesive



3M™ High Performance  
Industrial Plastic Adhesive  
4693H, Light Amber, 5 oz Tub...  
36 Each/Case



3M™ Scotch-Weld™ Structural  
Adhesive Primer EW-5005



3M™ Structural Adhesive Tape  
SAT1010



3M™ Scotch-Weld™ Multi-  
Material Composite Urethane  
Adhesive DP6330NS



3M™ Hi-Strength 90 Bulk Spray Adhesive



3M™ Vinyl & Leather Adhesive 18060, 1 fl oz (29.5 mL)



6008-EDU-3 Scotch(R) Glue Sticks White - 3 pack



Scotch® Permanent Glue Stick



Scotch® Clear Glue in 2-Way Applicator



Scotch® Quick-Dry Adhesive



Scotch® Restickable Glue Stick



Bondo® Ready Mix Pouches Wood Filler WF-PK-XX



3M™ Hot Melt Adhesive 3750 AE, Clear, 1/2 in x 10 in, 25 lb, Case



3M™ Scotch-Weld™ Flexible Acrylic Adhesive DP8610NS



3M™ Polystyrene Insulation 78 ET Cylinder Spray Adhesive



3M™ Foam Fast Spray Adhesive 74CA, Low VOC <25%, Clear, 24 fl oz (Net Wt ... oz), 12 Can/Case



3M™ Scotch-Weld™ Structural Adhesive EW2030



3M™ Scotch-Weld™ Structural Adhesive EW2042



3M™ Scotch-Weld™ Structural Adhesive EW2046



3M™ Scotch-Weld™ Epoxy Adhesive DP460EG



3M™ Scotch-Weld™ Structural Adhesive EW2060HF



3M™ Scotch Weld™ Applicator Tip for Edge Fill





3M™ UV-Curable Adhesive  
LC-3200



3M™ Scotch-Weld™ Urethane  
Adhesive EC-3587 B/A



3M™ Scotch-Weld™ Structural  
Adhesives Primer EC-1945 B/A



3M™ Scotch-Weld™ Structural  
Adhesive EC-7236 B/A



3M™ Scotch-Weld™ Composite  
Surfacing Film AF 325 M, Blue



3M™ Aerospace Sealant  
AC-380



3M™ Scotch-Weld™ Structural  
Adhesive EC-3964, 1 gal, 4  
Drum/Case



3M™ Adhesion Promoter  
AC-132



Scotch® Primer Y122,  
Transparent, 5 Gallon (Pail),  
Drum



3M™ Threaded Cartridge Nozzle, 08187, 50 per carton, 6 cartons per case



3M™ Marine High Strength Repair Filler



3M™ Scotch-Weld™ Concrete Repair DP600NS, Gray, Non-Sag, 48.5mL Duo-Pak, 12/Case



Scotch® Glue Stick 003-CFT, 1.41 oz.(40 g)



3M™ Scotch-Weld™ PUR Easy Adhesive EZ250015



3M™ Scotch-Weld™ Instant Adhesive CA40H



3M™ Cylinder Adhesive Hose



3M™ Marine Grade Silicone Sealant



3M™ Spreaders





3M™ NVH Dampening Material, 04274, 200 mL Cartridge, 6 per case



3M™ Scotch-Weld™ Threadlocker TL90



3M™ Scotch-Weld™ Structural Plastic Adhesive DP8005



3M™ Scotch-Weld™ PUR Easy Adhesive EZ250030



3M™ Industrial Adhesive 4799



3M™ Hi-Strength Laminating Adhesive 92



Bondo® Professional Gold Filler



3M™ Universal Adhesive



3M™ Lightweight Body Filler



3M™ EZ Sand Multi Purpose Repair Material



3M™ Super 77™ Multipurpose Spray Adhesive



3M™ Hot Melt Adhesive 3750



3M™ Fast Tack Water Based Adhesive 1000NF



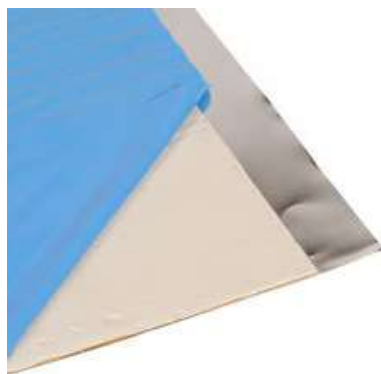
3M™ Scotch-Weld™ Low Odor Acrylic Adhesive DP8805LH, Green, 50 mL, 12/Case



3M™ Adhesion Promoter 2262AT



3M™ Scotch-Weld™ Composite Surfacing Film AF 325M, White, .030wt, 36 in x 50 yd, 1... Roll/Case



3M™ Scotch-Weld™ Structural Core Splice Film AF 3002



3M™ Hot Melt Adhesive 3792



3M™ Scotch-Weld™ Structural Adhesive Film AF 163-2



3M™ High Strength Large Hole Repair



3M™ Scotch-Weld™ Low Density Void Filler 7246-2 B/A FST, 200 mL Cartridge, 6... Each/Case



3M™ High Strength Small Hole Repair, All-in-One Applicator Tool, SHR-3-AIO



3M™ Scotch-Weld™ Epoxy Adhesive EC-3333 B/A



3M™ Scotch-Weld™ Structural Adhesives Primer EW-5000



3M™ High Strength Small Hole Repair



3M™ Fastbond™ Foam Adhesive 100NF, Lavender



3M™ Scotch-Weld™ Epoxy Adhesive DP420 Off-White



3M™ Hot Melt Adhesive  
3762LM



3M™ Plastic and Emblem  
Adhesive, 08061, 5 oz Tube, 6  
per case



3M™ Structural Adhesive  
SA9844



3M™ Scotch-Weld™ Nylon  
Bonder Structural Adhesive  
DP8910NS



3M™ Scotch-Weld™ Flexible  
Acrylic Adhesive DP8625NS



3M™ Scotch-Weld™ PUR Easy  
Adhesive EZ250060



3M™ Scotch-Weld™ Instant  
Adhesive CA50, Gel, Clear, 20  
Gram, 12 Each/Case



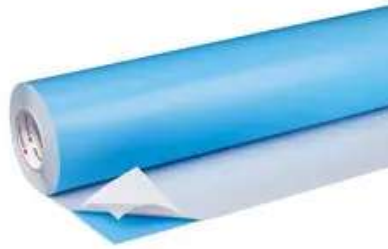
3M™ OEM Seam Sealer Tip



3M™ General Trim Adhesive,  
39187, 19 oz Net Wt, 4 per case



3M™ Bare-Metal Seam Sealer



3M™ Scotch-Weld™ Composite Surfacing and Lightning Protection Film AF 536



3M™ Scotch-Weld™ Toughened Epoxy Adhesive LSB60



3M™ Scotch-Weld™ Structural Plastic Adhesive DP8010



3M™ Scotch-Weld™ PUR Easy Adhesive EZ250150



3M™ Neoprene Contact Adhesive 10



3M™ Scotch-Weld™ Epoxy Adhesive DP190



3M™ Scotch-Weld™ Concrete Repair DP600



Dynatron™ DYNALITE™ Body Filler



Bondo® Cream Hardener



3M™ Super Fast Repair Adhesive



3M™ Primer



3M™ Fast Cure Auto Glass Urethane, 08690, 10.5 fl oz Cartridge, 12 per case



3M™ Hot Melt Adhesive 3789



3M™ Fastbond™ Contact Adhesive 30NF



3M™ Scotch-Weld™ Structural Adhesive EW3010



3M™ Hi-Strength Spray Adhesive 94ET, Low VOC <20%, Clear, 24 fl oz (Net W... 19.8 oz), 12 Can/Case

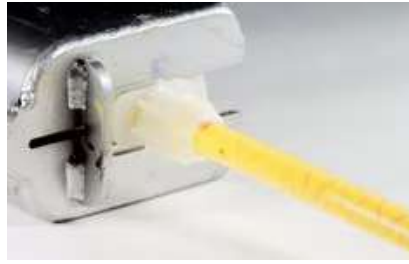


Scotch® Super 77™ Multi-Purpose Spray Adhesive





Scotch® Super Glue Gel AD119, 4-Pack of single-use tubes, .017 oz each



3M™ Structural Adhesive SA9822



3M™ Polystyrene Insulation Adhesive 78, Clear, 5 Gallon (Pail), 1 Can/Drum



3M™ Nitrile High Performance Rubber and Gasket Adhesive 847H



3M™ Scotch-Weld™ Epoxy Potting Compound DP270 Black



3M™ Hot Melt Adhesive 3792LM



3M™ Scotch-Weld™ Low Odor Acrylic Adhesive DP8705NS



3M™ Scotch-Weld™ Composite Surfacing Film AF 325LS, Blue,, .064 wt, 35 in x 50 yd, 1... Roll/Case



3M™ Scotch-Weld™ Structural Core Splice Film AF 3024





3M™ Scotch-Weld™ Structural Adhesive Film AF 191



3M™ Scotch-Weld™ Structural Adhesive EC-1458



3M™ Scotch-Weld™ Epoxy Adhesive EC-3501 B/A



3M™ Scotch-Weld™ Core Splice Adhesive EC-3500 B/A



3M™ Aerospace Sealant AC-730 B-1/2, 2 oz Kit, 24 Kit/Case



3M™ Aerospace Sealant AC-730 B-1/2, 75 g Kit, 50 Kit/Case



3M™ Aerospace Sealant AC-730 B-1/2, 6/3.5 oz Kit w/TS432, 24 Kit/Case



3M™ Aerospace Sealant AC-730 B-1/2, qt Kit, 9 Kit/Case



3M™ Aerospace Sealant AC-730 B-2, 25 Gram Kit, 50 per case



3M™ Aerospace Sealant  
AC-730 B-2, 2 oz Kit, 24  
Kit/Case



3M™ Aerospace Sealant  
AC-730 C-8, 2 oz Kit, 24  
Kit/Case



3M™ Aerospace Sealant  
AC-730 C-8, 25 Gram Kit, 50 per  
case



3M™ Aerospace Sealant  
AC-730 B-1/2, 25 Gram Kit, 50  
per case



3M™ Aerospace Sealant  
AC-730 B-2, 75 g Kit, 50  
Kit/Case



3M™ Aerospace Sealant  
AC-730 B-1/2, 5 Gallon Kit, 1 per  
pallet



3M™ Scotch-Weld™ Structural  
Adhesives Primer EW-5000AS



3M™ Adhesion Promoter  
AC-137



3M™ Structural Adhesive  
SA9816AOV



3M™ Scotch-Weld™ Bracket Bonding Adhesive EC-7202



3M™ Hi-Temperature Polystyrene Insulation 78 HT Cylinder Spray Adhesive



3M™ Scotch-Weld™ PUR Adhesive 2710p, Black, 30ml, 24 Each/Case



Dynatron™ Dyna-Hair Long Strand, Filler 472, 1 qt, 12 per case



Bondo® Plastic Metal



3M™ Flex Pack Nozzle, 08188, 25 per carton, 6 cartons per case



3M™ Scotch-Weld™ PUR Adhesive EZ250120, Off-White, 1/10 Gallon Cartridge, 5... Each/Case



3M™ Hot Melt Adhesive 3747



3M™ Adhesion Promoter 111



Dynatron™ Yellow Spreader



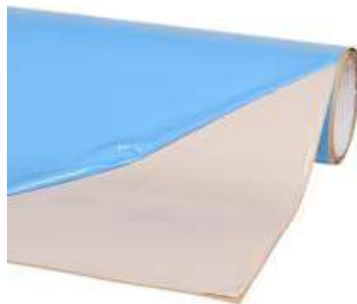
3M™ Self-Leveling Seam Sealer, 08307, 200 mL Cartridge, 6 per case



3M™ Impact Resistant Structural Adhesive (IRSA)



3M™ Adhesion Promoter 4298UV



3M™ Scotch-Weld™ Composite Surfacing Film AF 325LS, White, .059 wt, 35 in x 50 yd, 1... Roll/Case



3M™ Scotch-Weld™ Toughened Epoxy Adhesive LSB60NS



3M™ Scotch-Weld™ PUR Easy Adhesive EZ250200



3M™ Scotch-Weld™ Structural Core Splice Film AF 3028



3M™ Neoprene Contact Adhesive 5



3M™ Scotch-Weld™ Structural Adhesive Film AF 30



3M™ Scotch-Weld™ Instant Adhesive CA100



3M™ Scotch-Weld™ Epoxy Adhesive EC-3531 B/A FR



3M™ Hi-Strength Postforming 94 CA Adhesive



3M™ Aerospace Sealant AC-735



3M™ Adhesion Promoter AC-160



Dynatron™ Glazing & Spot Putty



3M™ Urethane Seam Sealer



3M™ Super Red Putty



3M™ Fast 'N Firm™ Seam Sealer, 08505, 1/10 gal Cartridge, 12 per case



3M™ Scotch-Weld™ Threadlocker TL42



3M™ Cylinder Adhesive Spray Tips



3M™ Disposable Paper Mixing Board, 20382, 12 per case



3M™ Channel Bonding and Sidelite Adhesive, 08641, 47.3 mL Cartridge, 6 per case



3M™ High Strength Crack Repair CR-10-CLK, 10Oz, Caulk Tube



Scotch® No Mess Glue Stick 00382CL, 0.27 oz/stick, 0.54 oz/pk



3M™ Hi-Strength 90 Contact Adhesive, 17.6 oz (498 g)



3M™ Scotch-Weld™ Instant Adhesive CA8





3M™ Acryl Putty



3M™ Thermal Bonding Film 588



3M™ Scotch Weld™ Applicator Tip for Core Reinforcement



3M™ Neoprene High Performance Contact Adhesive 1357



3M™ Scotch-Weld™ Instant Adhesive CA4



3M™ HoldFast 70 Spray Adhesive



3M™ Scotch-Weld™ Epoxy Potting Compound DP270



3M™ Scotch-Weld™ Epoxy Adhesive 2214 Regular



3M™ Scotch-Weld™ Epoxy Adhesive DP100



3M™ Scotch-Seal™ Industrial Sealant 800



3M™ Scotch-Weld™ Epoxy Adhesive DP125, Gray, 200 mL Duo-Pak, 12 Pack/Case



3M™ Polyurethane Adhesive Sealant 550 Fast Cure



3M™ Scotch-Weld™ Epoxy Adhesive 125, Gray, Part B, 5 Gallon (Pail), Drum



3M™ Scotch-Weld™ Epoxy Adhesive 125, Gray, Part A, 5 Gallon (Pail), Drum



3M™ Scotch-Weld™ Repair Paste 2110 kit



3M™ Scotch-Weld™ Structural Void Filling Compound EC-3505 B/A FR



3M™ Scotch-Weld™ Structural Adhesive Film AF 31



3M™ Scotch-Weld™ Epoxy Adhesive EC-3537-NA B/A, 1 gal, 2 Kit/Case



3M™ Scotch-Weld™ Epoxy Adhesive EC-1469, Cream, 1 qt, 12 Can/Case



3M™ Aerospace Sealant AC-770



Bondo® Fiberglass Resin Liquid Hardener



3M™ Yellow Super Weatherstrip and Gasket Adhesive



3M™ SMC/Fiberglass Repair Adhesive



3M™ Panel Bonding Adhesive



3M™ Scotch-Weld™ Structural Adhesive EC-9356 B/A FST



3M™ Clear Super Silicone Seal



3M™ Marine Premium Filler



Bondo® Extreme Metal Reinforced Filler EF-PT-ES, 15 oz (425.24 g), 8 per case



3M™ Hot Melt Adhesive 3779



3M™ Wetordry™ Rubber Squeegee, 05518, 2 in x 3 in, 50 per case



3M™ Short Strand Reinforced Filler, 01160, 1 gal, 4 per case



3M™ Reinforced Body Filler, 05877, 276 mL DMS Cartridge, 6 per case



3M™ Factory-Match Seam Sealer, 08323, 200 mL Cartridge, 6 per case



3M™ Trim Adhesive



Scotch® Multi-Surface White Glue ADH669, 1.25 fl oz (36.9 mL)



Scotch® Super Glue Liquid, Bottle



3M™ Scotch-Weld™ Super Fast Instant Adhesive SF100



3M™ Scotch-Weld™ PUR Adhesive TE030



3M™ Neoprene High Performance Rubber and Gasket Adhesive 1300



3M™ Scotch-Weld™ Instant Adhesive CA5



3M™ Hot Melt Adhesive 3731



3M™ Foam Fast 74 Spray Adhesive



3M™ Scotch-Weld™ Epoxy Adhesive 2216, Gray



3M™ Scotch-Weld™ Epoxy Adhesive DP100 Plus



3M™ Scotch-Seal™ Metal Sealant 2084



3M™ Polyurethane Adhesive Sealant 551, White, 600 mL Sausage Pack, 12/Case



3M™ Fastbond™ Contact Adhesive 2000NF



Bondo® Rotted Wood Restorer, 20131, 8 oz, 6 per case



Bondo® Glass Reinforced Filler



3M™ Creme Hardener, 05766, Blue, 2.75 oz Tube, 12 per case



3M™ Scotch-Weld™ Threadlocker TL71



3M™ Anisotropic Conductive Film Adhesive 7303



3M™ Wind Protection Tape Edge Sealer W2600, 50 ml (1.7 fluid ounce), 12/Case



3M™ Scotch-Weld™ Void Filling Compound EC-3515 B/A FR





3M™ Scotch-Weld™ Epoxy Adhesive 2214 Hi-Density



3M™ Scotch-Weld™ Structural Plastic Adhesive DP8005 Black



3M™ Adhesion Promoter AP596, Clear, 1000 mL Bottle, 8/Case



3M™ Mounting Adhesive Putty 18001, 1 oz (28g)



3M™ High Strength Small Hole Repair Kit



Scotch® Flex Hold Glue in Precision Applicator ADH670, .14 oz (4 g)



3M™ Milled Fiberglass Body Filler, 05816, 1 gal, 4 per case



3M™ Sealant SZ1000 for EV Enclosure Sealing



3M™ Epoxy Bonding Adhesive EG-2P-3005



3M™ Structural Adhesive SA9860



3M™ Hi-Strength Postforming 94 CA Bulk Adhesive



3M™ Scotch-Weld™ Epoxy Adhesive 2216 Translucent



3M™ Scotch-Weld™ Low Odor Acrylic Adhesive DP8725NS



3M™ Scotch-Weld™ Structural Adhesive EW3020



3M™ Scotch-Weld™ Structural Adhesive EW2050



3M™ Maintenance Adhesive Kit TPA150, 1/Case



3M™ Black Super Weatherstrip and Gasket Adhesive, 08008, 5 fl oz, 6 per case



3M™ Super Weatherstrip and Gasket Adhesive, 08581, 2 fl oz Tube, Black, 12 per case



3M™ Thermal Bonding Film AF111



3M™ Marine Adhesive Sealant Fast Cure 4200FC



3M™ Adhesion Promoter K500



3M™ Scotch-Weld™ Low Odor Acrylic Adhesive DP8825NS



3M™ Scotch-Weld™ Structural Void Filling Compound EC-3550 B/A FST



3M™ Scotch-Weld™ Structural Adhesive Film AF 3109-2



3M™ Scotch-Weld™ Structural Adhesive EC-3984, 1 qt, 12 Can/Case



3M™ Mix & Dispense Equipment - Application Tools



3M™ Thermally Conductive Epoxy Adhesive TC-2810



3M™ Scotch-Weld™ PUR Adhesive Applicator Accessory



3M™ Headliner Adhesive



3M™ Platinum™ Glaze, 05862, 276 mL DMS Cartridge, 6 per case



3M™ Scotch-Weld™ Low Odor Acrylic Adhesive DP810NS



3M™ Reinforcement Patch, 04904, 5 in x 12 ft roll, 6 per case



3M™ Platinum™ Plus Glaze, 31180, 30 fl oz, 6 per case



3M™ All Purpose Sealant Primer P591



3M™ Scotch-Weld™ Metal Bonder Acrylic Adhesive DP8407NS



3M™ Scotch-Weld™ Urethane Adhesive 3549, Brown, Part B/A, 2 Quart, 6 Kit/Case



3M™ Scotch-Weld™ PUR Adhesive TE031



3M™ Nitrile High Performance Plastic Adhesive 1099



3M™ Hot Melt Adhesive 3738



3M™ Scotch-Weld™ Epoxy Adhesive 2216NS



3M™ Scotch-Weld™ Epoxy Adhesive DP100FR



3M™ Scotch-Weld™ Acrylic Adhesive DP805



3M™ Polyurethane Adhesive Sealant 560



3M™ Polyurethane Glass Adhesive Sealant 590



3M™ Marine Adhesive Sealant 5200



3M™ Fastbond™ Contact Adhesive 30H



Bondo® Glazing & Spot Putty



Bondo® All-Purpose Putty



3M™ Rigid Parts Repair



3M™ Platinum™ Filler



3M™ Quick Grip Filler, 33181, 1 gal, 4 per case



3M™ Thermally Conductive Epoxy Adhesive TC-2707



3M™ Scotch-Weld™ Concrete Repair DP600, Gray, Self-Leveling, contains 2 Mix... Nozzles, 8.4 fl oz Cartridge, 6/Case



3M™ Mix & Dispense Equipment - Nozzles





3M™ Adhesive Sealant 740 UV



3M™ Adhesion Promoter K540NTUV



3M™ Scotch-Weld™ Structural Core Splice Film AF 3028FR, 50 mil, 1-1/4 in x 325 in, 8... Roll/Case



3M™ Scotch-Weld™ Structural Adhesive Film AF 46, 1 mil, 44 in x 60 yd, 1 Roll/Case



3M™ Scotch-Weld™ Structural Adhesive Film AF 130-2, .090 wt, 40 in x 50 yd, 1 Roll/Case



3M™ Scotch-Weld™ Neoprene High Performance Contact Adhesive EC-1357



3M™ Structural Adhesive SA9820



3M™ Scotch-Weld™ Rubber Toughened Instant Adhesive RT5000B



3M™ Adhesion Promoter K520UV



3M™ Super Glue Liquid



3M™ Automotive Adhesion Promoter, Sponge Applicator Packet



3M™ Adhesion Promoter K500NT



3M™ Scotch-Weld™ Acrylic Adhesive Accelerator A3-2



Scotch® Super Glue Liquid in Precision Applicator



Scotch® Super Glue Pen AD126-P, .07 oz



3M™ Scotch-Weld™ Structural Adhesive Film AF 32, 10 mil, 20 in x 36 yd, 1 Roll/Case



3M™ Scotch-Weld™ Structural Adhesive Film AF 126



3M™ Scotch-Weld™ Epoxy Adhesive EC-1838 B/A



3M™ Aerospace Sealant AC-251



3M™ Scotch-Weld™ Acrylic Adhesive DP8425NS



3M™ Scotch-Weld™ Composite Surfacing Film AF 191XS, 0.045 wt, 36 in x 50 yd, 1 Roll/Case



3M™ Scotch-Weld™ Structural Adhesive Film AF 3185, 8 mil, 36 in x 50 yd, 1 Roll/Case



3M™ Scotch-Weld™ Epoxy Adhesive EC-1751 B/A



3M™ Scotch-Weld™ Adhesive/Sealant EC-3537-NA B/A



3M™ Yellow Spreaders, 20395, 150 per case



Dynatron™ Mixing Board



3M™ Quick Fix Adhesive



3M™ Feathering Disc Adhesive



3M™ Polystyrene Foam Insulation Spray Adhesive 78, Clear, 24 fl oz (Net Wt 17.9 o... 12 Can/Case



Bondo® Self-Adhesive Body Patch 00932



3M™ Heavy-Bodied Seam Sealer



3M™ Controlled-Flow Seam Sealer, 08329, 200 mL Cartridge, 6 per case



3M™ Foam and Fabric Spray Adhesive 24, Orange, 16 fl oz Can (Net Wt 13.8 oz), 12/Cas... NOT FOR SALE IN CA AND OTHER STATES



Dynatron™ Liquid Hardener



3M™ High Bond Rearview Mirror Adhesive, 08749, 0.02 fl oz, 12 per case



3M™ Scotch-Weld™ Urethane Adhesive DP605NS, Off-White, 48.5 mL Duo-Pak, 12/Case



3M™ Scotch-Weld™ Surface Insensitive Instant Adhesive SI1500



3M™ Scotch-Weld™ PUR Adhesive TS115 HGS



3M™ Scotch-Weld™ Non-Flammable Instant Adhesive Activator AC09, Clear, 2 fl oz, ... Bottles/Case



3M™ Scotch-Weld™ Low Odor Acrylic Adhesive DP810



3M™ Hot Melt Adhesive 3762



3M™ Scotch-Weld™ Epoxy Adhesive DP405



3M™ Scotch-Weld™ Epoxy Adhesive DP110 Gray



3M™ Scotch-Weld™ Acrylic Adhesive DP8405NS



3M™ Fastbond™ Insulation Adhesive 49



3M™ Tape Primer 94



3M™ Platinum™ Plus w/Hardener



Bondo® Traffic, P-606 Flexible Loop Sealer



Bondo® Lightweight Filler Export



3M™ TPO Plastic Parts Repair, 08239, 200 mL, 6 per case



3M™ OEM Seam Sealer Tip Adapter, 08206, 6 per bag, 6 bags per case



3M™ Black Super Weatherstrip Adhesive



3M™ Hot Melt Adhesive 3797



3M™ Scotch-Weld™ Urethane Adhesive DP604NS





3M™ Scotch-Weld™ PUR Adhesive TE100



3M™ Scotch-Weld™ Instant Adhesive Primer AC79



3M™ Hot Melt Adhesive 3748 VO



3M™ Scotch-Weld™ Epoxy Adhesive DP105



3M™ Scotch-Weld™ Acrylic Adhesive DP820



3M™ Polyurethane Multi-Purpose Adhesive 5010



3M™ Hi-Strength 90 Spray Adhesive



3M™ Rigid Pillar Foam, 08458, 200 mL Cartridge, 6 per case



3M™ MSP Sprayable Seam Sealer, 08374, Gray, 10.5 FL OZ Cartridge, 6 per case



Bondo® Long Strand Fiberglass Reinforced Filler LS-QT-ES, 32 oz (2 lb), 6 per case



Bondo® Body Filler



3M™ Polyolefin Adhesion Promoter, 05907, 12 oz Net Wt, 6 per case



3M™ Ultrapro™ High Temp Black Silicone Gasket



3M™ Black Super Silicone Seal



3M™ Plastic Contour Sheet, 04903, 5 in x 12 ft Roll, 6 per case



3M™ Scotch-Weld™ Urethane Adhesive DP601



3M™ Scotch-Weld™ Surface Insensitive Instant Adhesive SI Gel



3M™ Scotch-Weld™ PUR Adhesive TE040 Off-White



3M™ Nitrile High Performance Rubber and Gasket Adhesive 847



3M™ Scotch-Weld™ Instant Adhesive Primer AC77



3M™ Hot Melt Adhesive 3748



3M™ General Purpose Adhesive 60 CA



3M™ Scotch-Weld™ Epoxy Adhesive 2290



3M™ Scotch-Weld™ Epoxy Adhesive DP100NS



3M™ Polyurethane Construction Sealant 525



3M™ Fastbond™ Foam Adhesive 100NF, Neutral



Mar-Hyde™ Wet Look Hardener



Bondo® Spreader, 00357, 3 per pack



Bondo® Fast Dry Filler



Bondo® All-Purpose White Cream Hardener



3M™ Platinum™ Plus Filler



3M™ MSP Seam Sealer



3M™ Quick Set Epoxy Adhesive 18091, 1 oz (28.3 g)



Scotch® Photo Mount™ Adhesive



Scotch® Super Glue Liquid, Tubes



019 SCOTCH® SCRAPBOOKER'S GLUE WITH 2-WAY APPLICATOR, 48/CASE



Scotch® Maximum Strength Adhesive



18090 3M(TM) Instant Set Epoxy, 1 oz (28.3 g)



Scotch® Super Glue Gel in Precision Applicator, AD125, .14 oz (4 g)



Scotch® Advanced Formula Super Glue Liquid AD121, .07 oz, 2-Pack



Scotch® Wrinkle-Free Glue Sticks



Scotch® Spray Mount™, 10.25oz, 6065



3M™ Super Glue Gel 18008, .14 oz (4 g) 2-Pack



Scotch® Mega Purple Glue Stick 6108-MEGA, 1.4 oz



Scotch® Advanced Formula Super Glue Gel AD122, .07 oz, 2-Pack



3M™ Scotch-Weld™ Structural Adhesive Film AF 3113-5M, .030 wt, 36 in x 50 yds, 1 Roll/Case



3M™ Hot Melt Applicator Accessories



3M™ Scotch-Weld™ PUR TS230, Gray, 55 Gallon (400 lb), Drum



PowerMax Dispenser HPS-4C2 Battery



3M™ Two Component Adhesive Sealant Applicator 400A-2K



3M™ Scotch-Weld™ Epoxy Adhesive EC-2214, Hi-Temperature NF Gray, 5.9 oz Cartridge, 6 Each/Case



3M™ Scotch-Weld™ Structural Adhesive Film AF 131-2, .075 wt, 40 in x 36 yds, 1 Roll/Case



3M™ Scotch-Weld™ Structural Adhesives Primer EC-3917



3M™ Scotch-Weld™ Epoxy Adhesive EC-460





3M™ Scotch-Weld™ Toughened Epoxy Adhesive LSB360NS

3M™ Scotch-Weld™ Positioning Fabric AF 3306-2, 42 in x 500 yd, 1 Roll/Case

3M™ Scotch-Weld™ Structural Adhesives Primer EC-3924B



3M™ Wind Tape Adhesion Promoter W9910-1

3M™ Scotch-Weld™ Adhesive EC-4419, 5 gals, 1/Case

3M™ High Strength Hole Repair Color Changing Spackling Compound



3M™ Scotch-Weld™ Epoxy Adhesive DP100LH Plus

3M™ Hot Melt Applicator Tips

3M™ High Strength Hole Repair, Color Changing Spackling Compound CC-SIOC, 12 fl o... 12/case



3M™ High Strength Large Hole Repair Kit LHR-SIOCKIT, Ships in Own Container



3M™ General Purpose Adhesive 60 CA Bulk CA



3M™ Venture Tape™ Printed Squeegee VTS-W, White, 2.75 IN x 4 IN, 500/Case



3M™ Scotch-Weld™ Structural Adhesive Film AF 15



3M™ Scotch-Weld™ Epoxy Adhesive EC-2815 B/A FR



3M™ Wind Threadlocker W1235



3M™ Scotch-Weld™ Epoxy Adhesive DP460



3M™ MIX & DISPENSE EQUIPMENT 250-61T BARRIER KIT, 2.5 OZ TPD 6 I... 1 PER CASE



3M™ MIX & DISPENSE EQUIPMENT 250-81T BARRIER KIT, 2.5 OZ TPD 8 I... 1 PER CASE



3M™ Scotch-Weld™ Structural  
Void Filling Compound EC-3524  
B/A



3M™ Scotch-Weld™ Core  
Reinforce Adhesive EC-3903, 5  
gal, 1 Drum/Case



3M™ High Strength Large Hole  
Repair Kit



3M™ Scotch-Weld™ Epoxy  
Adhesive DP460NS



3M™ Super 77 Multipurpose  
Adhesive



3M™ High Strength Hole Repair,  
Color Changing Spackling  
Compound CC-SLOCKIT, 8 fl ...  
12/case



3M™ High Strength Large Hole  
Repair



FPP-64-BB 3M(TM) Wall Repair  
Fiber Reinforced Compound 64  
fl oz (1.89L)



3M™ Plastic Emblem and Trim  
Adhesive, 03601, 1 oz, 24 per  
case



3M™ Polyurethane Sealant 540



3M™ Applicator Nozzle Tip NT  
PC-1 for Low-Density Void Filler  
Partial-Cut Fill



3M™ Scotch-Weld™ Metal  
Primer EC-3901, 0.5 pt, 12  
Can/Case



3M™ Scotch-Weld™ Structural  
Adhesive EC-3439, 5 gal, 1  
Drum/Case



3M™ Scotch-Weld™ Structural  
Adhesive Primer EC-3918, Non-  
Chromated, 1 gal, 4 Drum/Case



3M™ High Strength Small Hole  
Repair Kit SHR-SIOCKIT, Ships  
in Own Container



3M™ High Strength Small Hole  
Repair, All-in-One Applicator  
Tool



3M™ Scotch-Weld™ Structural  
Plastic Adhesive 8010FC, Blue,  
Part B, 55 Gallon (50 Gallon...  
Net), Drum



3M™ Neoprene High  
Performance Rubber and  
Gasket Adhesive 1300L



3M™ Scotch-Weld™ Structural Adhesive EC-3448 6oz Semco Cartridge, 6 Each/Case



3M™ Scotch-Weld™ Structural Adhesives Primer EC-1290



3M™ Adhesion Promoter Large Applicator AP86A, Clear, 30 mL, 10 Each/Case



3M™ Wind Polyurethane Sealant W2640



3M™ High Strength Crack Repair CR-7-SQ, Squeeze Tube, 7 oz



3M™ Neoprene High Performance Contact Adhesive 1357L



3M™ Scotch-Weld™ Epoxy Adhesive DP100LH



3M™ VHB™ L Abrader Tool, 1 Each/Case



Zirconia Solution R-27639, 300 Gallon, IBC, Private Label



3M™ High Strength Hole Repair,  
Color Changing Spackling  
Compound CC-KIT, 8 fl oz,...  
4/case



3M™ High Strength Small Hole  
Repair Kit



3M™ Scotch-Weld Epoxy  
Adhesive DP421LH, Off-White,  
200 mL Cartridge, 12/Case



3M™ Scotch-Weld™ Epoxy  
Adhesive DP420NS WS



3M™ Silane Glass Treatment  
AP115



3M™ Scotch-Weld™ Epoxy  
Adhesive EC-2615 B/A LW



3M™ Scotch-Weld™ Composite  
Surfacing Film AF 163-2



3M™ Scotch-Weld™ Epoxy  
Adhesive EC-3710



3M™ Scotch-Weld™ Epoxy  
Adhesive EC-1648 B/A, qt Kit, 6  
Kit/Case





3M™ Scotch-Weld™ Structural Adhesives Primer EC-1593



3M™ Scotch-Weld™ Epoxy Adhesive DP4XLEG, 50 mL Duo-Pak, 12/Case



3M™ Scotch-Weld™ Epoxy Adhesive EC-2214, Hi-Temperature, Gray, 5.9 oz... Cartridge, 6 Each/Case



3M™ Scotch-Weld™ Epoxy Adhesive EC-2214, 6 oz Cartridge, 6 Each/Case



3M™ Scotch-Weld™ Structural Adhesive Primer EC-2333, 1 gal, 4 Each/Case



3M™ Scotch-Weld™ Epoxy Adhesive EC-2214, Hi-Density 6 oz Cartridge, 6 Each/Case



3M™ Scotch-Weld™ Structural Adhesive Primer EC-2174, 5 gal, 1 Each/Case



3M™ Scotch-Weld™ Structural Adhesive Film AF 10



3M™ Scotch-Weld™ Structural Adhesives Primer EC-1660



3M™ Solvent Spray Nozzle  
Trigger Head, 37718, 24 per  
case



3M™ Neoprene High  
Performance Rubber and  
Gasket Adhesive 2141



3M™ Marine Adhesive Sealant  
5200 Fast Cure



3M™ Heavy Duty Spray  
Adhesive 20, Clear, 16 fl oz Can  
(Net Wt 13.8 oz), 12/Case, N...  
FOR SALE IN CA AND OTHER  
STATES

# **3M™ Heavy Duty Spray Adhesive 20, Clear, 16 fl oz Can (Net Wt 13.8 oz), 12/Case, NOT FOR SALE IN CA AND OTHER STATES**

3M Product Number 20 3M ID 7100179437 UPC 00638060147085

## **Details**

Provides professional, industrial strength for demanding applications at an economical price

Comes with a lace spray pattern for improved accuracy

Includes a versatile adhesive that bonds a wide range of lightweight materials

High strength, fast, contact type adhesive

Bonds laminate, wood, concrete, metal, plastic and more

Allows for a bond time of 15 seconds to 30 minutes

## **Typical properties**

Brands: 3M™

Container Size (Imperial): 16 fl oz (US)

Container Size (Metric): 473 ml

Form: Aerosol

Product Color: Transparent

Product Form: Can

Spray Pattern: Variable Lace

eClass 14 Classification Group: 23330115

## **3M™ Marine Adhesive Sealant 5200 Fast Cure**

### **Details**

**MULTI-SURFACE SEALANT:** A permanent solution for bonding marine substrates like wood, fiberglass, and metal

**VERSATILE APPLICATIONS:** Tough yet flexible polyurethane polymer is ideal for deck housings, hull fittings, porthole mounting, fiberglass transoms, and underside molding

**WARD OFF WATER:** Resists saltwater and weathering both above and below the water line

**FLEXIBLE BONDS:** The flexible elastomeric bond absorbs the stress of vibration, swelling, shrinking, and shock

**FAST CURE:** Tack-free in 1-2 hours, fully cures within 48 hours

### **Typical properties**

Adhesive Type: Polyurethane

Application Method: Hand or pressure caulk

Brands: 3M™

Container Size (Imperial): 1 fl oz (US), 3 fl oz (US)

Container Size (Metric): 29.6 ml, 88.7 ml

Full Cure Time: 3 mm/24 hr

Hardness: 60 Shore A

Industries: Marine

Physical Form: Medium paste

Product Color: White

Product Form: Tube

Solids Weight Percent (Approximate): 95 %

Surface Type: Metal, Painted Surface

Tack-free Time: 1 hr

Tensile Strength (Imperial): 1000 psi

Units per Case: 12.0,6.0

eClass 14 Classification Group: 23330106

# 3M™ Neoprene High Performance Rubber and Gasket Adhesive 2141

## Details

High performance adhesive forms strong bonds in as little as 15 minutes  
Adheres to neoprene, SBR, butyl, leather, vinyl and various rubbers  
Excellent fuel and oil resistance  
Heat and chemical resistant allows for use in unique and harsh environments  
Offers long tack range for precise placement  
Light yellow in appearance

## Typical properties

Application Method: Brush, Flow  
Application Temperature From (Celsius): -30 °C  
Application Temperature To (Celsius): 80 °C  
Brands: 3M™  
Container Size (Imperial): 1 Gallon, 1 Quart, 5 Gallon  
Container Size (Metric): 1 Liter, 3.8 Liter, 18.93 Liter  
Flame Retardant: Flammable  
Form: Liquid  
Heat Resistance: <170 Degree Fahrenheit  
Heat Resistance (Celsius): <77 °C  
Industries: General Industrial  
Open Time: Up to 15 min  
Physical Form: Liquid  
Product Color: Light Yellow  
Product Form: Quart  
Product Type: Adhesive  
Smallest Saleable Unit: Canister  
Solids Weight Percent (Approximate): 30 %  
State Restrictions: CA, CT, DC, DE, IL, MA, MD, ME, MI, NJ, NY, OH, PA, RI, VI  
Surface Type: Fabric, Plastic, Rubber, Wood  
Units per Case: 1.0,12.0,4.0  
eClass 14 Classification Group: 23330115

## **3M™ Solvent Spray Nozzle Trigger Head, 37718, 24 per case**

3M ID 7100006246 UPC 00051131377189

### **Details**

Spray nozzle works with both solvent or water based detailing chemicals  
Adjustable dial goes from streaming to fine mist  
Nozzle allows for spraying in an upside down position  
Durable plastic results in a long lasting accessory  
Trigger gives more control when applying products

### **Typical properties**

Application: Paint Finishing & Detailing  
Brands: 3M™  
Case Quantity: 24.0 per Case  
Material: Plastic  
Product Color: Gray  
Product Type: Trigger Head  
Sub Applications: Detailing  
Tip Style: Spray  
eClass 14 Classification Group: 21045111



# 3M™ Scotch-Weld™ Structural Adhesives Primer EC-1660

## Details

Spray, brush or roller application meets a variety of process requirements  
Specifically designed to work with 3M™ Scotch-Weld™ Structural Adhesive AF 30 and AF 32  
Promotes long-term durability in bonded joints  
Stable coating protects etched and anodized substrates for long-term storage  
Can be co-cured with adhesives at 350°F to accommodate a variety of requirements

## Typical properties

Application: Metal Bonding  
Composition: Solvent Based  
Cure Temperature: Elevated Temperature  
Density: 0.84 Gram per Liter  
Factory ISO Certification: No ISO Certification information available  
Product Color: Green  
Product Type: Primer  
Surface Type: Metal  
Volume (Imperial): 1 gal, 5 gal  
Volume (Metric): 3.79 L, 18.93 L  
eClass 14 Classification Group: 23330504

# 3M™ Scotch-Weld™ Structural Adhesive Film AF 10

## Details

Good flexibility and shear strength at service temperatures from -67°F to 180°F (-55°C to 82°C)

Easy application in a dry film which can be pressure, heat or solvent tacked into position

Excellent retention of strength after aging in many environments

Excellent retention of strength after aging in many environments

## Typical properties

Adhesive Type: Nitrile Phenolic

Application: Bonding, Structural Bonding

Cure Rate: 1 hr

Curing Temperature (Celsius): 177 °C

Curing Temperature (Fahrenheit): 350 °F

Factory ISO Certification: No ISO Certification information available

Maximum Operating Temperature (Celsius): 82 °C

Maximum Operating Temperature (Fahrenheit): 180 °F

Minimum Operating Temperature (Celsius): -55 °C

Minimum Operating Temperature (Fahrenheit): -67 °F

Nominal Adhesive Thickness (Imperial): 10 mil, 20 mil

Nominal Adhesive Thickness (Metric): 0.254 mm, 0.508 mm

Nominal Weight (Imperial): 0.06 lb/ft<sup>2</sup>

Product Color: Yellow

Product Form: Roll

Storage Environment: Freezer Storage, Refrigeration Storage

Substrate: Metal

eClass 14 Classification Group: 23330301

## Dimensions and Classifications

Overall Length (Imperial): 18 yd, 36 yd

Overall Length (Metric): 16 m, 33 m

Overall Width (Imperial): 1 in, 2 in, 3 in, 5 in, 6 in, 9 in, 10 in, 20 in

Overall Width (Metric): 0.5 m, 25.4 mm, 51 mm, 76 mm, 127 mm, 152 mm, 228.6 mm, 254 mm, 508 mm

# **3M™ Scotch-Weld™ Structural Adhesive Primer EC-2174, 5 gal, 1 Each/Case**

Part Number EC-2174 3M Product Number EC-2174 3M ID 7000046353

## **Details**

Spray, brush or roller application meets a variety of process requirements  
Specifically designed to work with 3M™ Scotch-Weld™ Structural Adhesive AF 31  
Corrosion inhibiting pigment provides protection inside the bondline  
Promotes long-term durability in bonded joints  
Stable coating protects etched and anodized substrates for long-term storage  
Provides a solvent resistant coating when cured at 250°F for durable protection  
Can be co-cured with adhesives at 350°F to accommodate a variety of requirements

## **Typical properties**

Application: Metal Bonding  
Brands: Scotch-Weld™  
Composition: Solvent Based  
Cure Temperature: Elevated Temperature  
Density: 0.81 Gram per Liter  
Factory ISO Certification: No ISO Certification information available  
Product Type: Primer  
Volume (Imperial): 5 gal  
Volume (Metric): 18.93 L  
eClass 14 Classification Group: 23330504

# **3M™ Scotch-Weld™ Epoxy Adhesive EC-2214, Hi-Density 6 oz Cartridge, 6 Each/Case**

Part Number EC-2214 3M Product Number EC-2214 3M ID 7000121275

## **Details**

2 day out time to allow for thawing and application prior to curing  
Available in cartridges  
This one-part frozen format requires no mixing  
Offers good hot-wet resistance  
Filled with aluminum to help handle heat and improve conductivity  
Outstanding environmental performance  
High peel and shear strength for strong bonds in critical applications  
Deaerated formula provides void free bond lines

## **Typical properties**

Adhesive Type: Epoxy  
Application: Composite Bonding, Metal Bonding  
Brands: Scotch-Weld™  
Container Size (Imperial): 6 Ounce  
Container Size (Metric): 170.1 g  
Cure Temperature (Celsius): 121 °C  
Cure Temperature (Fahrenheit): 250 °F  
Factory ISO Certification: No ISO Certification information available  
Product Color: Gray  
eClass 14 Classification Group: 23330109

# **3M™ Scotch-Weld™ Structural Adhesive Primer EC-2333, 1 gal, 4 Each/Case**

Part Number EC-2333 3M Product Number EC-2333 3M ID 7000046363

## **Details**

Spray, brush or roller application meets a variety of process requirements  
Specifically designed to work with 3M™ Scotch-Weld™ Structural Adhesive AF 130-2 and AF 143-2  
Promotes long-term durability in bonded joints  
Stable coating protects etched and anodized substrates for long-term storage  
Can be co-cured with adhesives at 350°F to accommodate a variety of requirements

## **Typical properties**

Brands: Scotch-Weld™  
Chemical Base: Epoxy  
Composition: Solvent Based  
Cure Temperature: Elevated Temperature  
Density: 0.88 Gram per Liter  
Factory ISO Certification: No ISO Certification information available  
Percent Volatile: 80 % - 90 % by Weight  
Product Color: Yellow  
Product Type: Primer  
Surface Treatment: No  
Surface Type: Metal  
Volume (Imperial): 1 gal  
Volume (Metric): 3.79 L  
eClass 14 Classification Group: 23330504

# 3M™ Scotch-Weld™ Epoxy Adhesive EC-2214, 6 oz Cartridge, 6 Each/Case

Part Number EC-2214 3M Product Number EC-2214 3M ID 7000046355

## Details

- 2 day out time to allow for thawing and application prior to curing
- Available in cartridges
- This one-part frozen format requires no mixing
- Offers good hot-wet resistance
- Filled with aluminum to help handle heat and improve conductivity
- Outstanding environmental performance
- High peel and shear strength for strong bonds in critical applications
- Deaerated formula provides void free bond lines

## Typical properties

- Adhesive Type: Epoxy
- Application: Composite Bonding, Metal Bonding
- Brands: Scotch-Weld™
- Container Size (Imperial): 6 Ounce
- Container Size (Metric): 170.1 g
- Cure Temperature (Celsius): 121 °C
- Cure Temperature (Fahrenheit): 250 °F
- Factory ISO Certification: No ISO Certification information available
- Product Color: Gray
- eClass 14 Classification Group: 23330109



# **3M™ Scotch-Weld™ Epoxy Adhesive EC-2214, Hi-Temperature, Gray, 5.9 oz Cartridge, 6 Each/Case**

Part Number EC-2214 3M Product Number EC-2214 3M ID 7010399427

## **Details**

One part, 100% solids, heat curing adhesive is ideal for high temperature metal bonding  
Pliable paste consistency goes where needed with no sagging  
Higher temperature strength than 3M™ Scotch-Weld™ Epoxy Adhesive EC-2214 Regular  
Maintains excellent structural strength at temperatures up to 350°F (177°C)

## **Typical properties**

Adhesive Type: Epoxy  
Application: Composite Bonding, Metal Bonding  
Brands: Scotch-Weld™  
Container Size (Imperial): 5.9 Ounce  
Container Size (Metric): 167.26 g  
Cure Temperature (Celsius): 121 °C  
Cure Temperature (Fahrenheit): 250 °F  
Factory ISO Certification: No ISO Certification information available  
Product Color: Gray  
Product Form: Cartridge  
eClass 14 Classification Group: 23330109

# **3M™ Scotch-Weld™ Epoxy Adhesive DP4XLEG, 50 mL Duo-Pak, 12/Case**

3M Product Number DP4XLEG 3M ID 7100185726 UPC 08887862330542

## **Details**

NOTE: Make-To-Order item with a lead time of 30-45 days

## **Typical properties**

Adhesive Type: Epoxy  
Application: Bonding, Potting  
Bond Flexibility: Rigid  
Brands: Scotch-Weld™  
Consistency: Liquid  
Container Size (Imperial): 1.69 fl oz  
Container Size (Metric): 50 mL  
Container Type: Cartridge  
Cure Temperature: Room Temperature  
Cure Time: 7 days  
Industries: Electronics  
Mix Ratio Volume Base:Accelerator: 2:1  
Physical Form: Flowable Liquid  
Product Form: Each  
Shear Strength: 5000 psi  
Storage Temperature (Celsius): 15°C - 27°C  
Surface Type: Smooth  
Volume (Imperial): 1.69 fl oz  
Volume (Metric): 50 mL  
eClass 14 Classification Group: 23330109

# **3M™ Scotch-Weld™ Structural Adhesives Primer EC-1593**

Part Number EC-1593 3M Product Number EC-1593 3M ID B40065479

## **Details**

Spray, brush or roller application meets a variety of process requirements  
Specifically designed to work with 3M™ Scotch-Weld™ Structural Adhesive AF 30  
Promotes long-term durability in bonded joints  
Stable coating protects etched and anodized substrates for long-term storage  
Can be co-cured with adhesives at 350°F to accommodate a variety of requirements

## **Typical properties**

eClass 14 Classification Group: 23330504

# **3M™ Scotch-Weld™ Epoxy Adhesive EC-1648 B/A, qt Kit, 6 Kit/Case**

Part Number EC-1648 3M Product Number EC-1648 3M ID 7010367205

## **Details**

Two-part formula cures at room temperature (75°F) to a strong durable bond in 24-48 hours  
Unique formula adhesive bonds to composites and metal panels  
Non-sag paste won't run, drip or migrate on vertical or overhead surfaces  
Durable adhesive provides good strength retention after aging across a range of environments  
Offers increased temperature resistance

## **Typical properties**

Adhesive Type: Epoxy  
Brands: Scotch-Weld™  
Container Size (Imperial): 1 qt  
Container Size (Metric): 0.95 L  
Cure Rate: 24-48 Hours  
Cure Temperature: Room Temperature  
Factory ISO Certification: No ISO Certification information available  
Work Life: 60 min  
eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Epoxy Adhesive EC-3710

## Details

High peel and shear strength for reliable bond  
One-part formula eliminates guess work and saves time  
Can be used to bond screens or open mesh to honeycomb  
Sprayable structural adhesive flows smoothly and evenly for precise application  
High and low temperature performance provides high structural strength at elevated temperatures  
Available in blue or translucent versions

## Typical properties

Adhesive Type: Epoxy  
Application: Composite Bonding, Metal Bonding, Metal to Composite Bonding  
Container Size (Imperial): 1 Gallon, 5 Gallon  
Container Size (Metric): 3.79 Liter, 18.93 Liter  
Cure Rate: 1 hr  
Cure Temperature (Celsius): 176 °C  
Cure Temperature (Fahrenheit): 350 °F  
Factory ISO Certification: No ISO Certification information available  
Product Color: Blue, Transparent  
Shelf Life: 6 Month  
eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Composite Surfacing Film AF 163-2

## Details

Designed for 250°F (120°C) cure  
Adhesive can be cured from 180°F (80°C) up to 300°F (150°C)  
Excellent shop handling characteristics  
Excellent pre-bond humidity performance on composite substrates  
Unsupported version available for reticulation  
High-fracture toughness and peel strength

## Typical properties

Adhesive Type: Epoxy  
Application: Bonding, Structural Bonding, Surfacing  
Cure Rate: 90 min  
Curing Temperature (Celsius): 121 °C  
Curing Temperature (Fahrenheit): 250 °F  
Factory ISO Certification: No ISO Certification information available  
Maximum Operating Temperature (Celsius): 121 °C  
Maximum Operating Temperature (Fahrenheit): 250 °F  
Minimum Operating Temperature (Celsius): -55 °C  
Minimum Operating Temperature (Fahrenheit): -67 °F  
Nominal Weight (Imperial): 0.045 lb/ft<sup>2</sup>, 0.06 lb/ft<sup>2</sup>  
Product Color: Red  
Product Form: Roll  
Storage Environment: Freezer Storage  
Substrate: Composite, Metal  
eClass 14 Classification Group: 23330301

## Dimensions and Classifications

Overall Length (Imperial): 50 yd  
Overall Length (Metric): 45.7 m  
Overall Width (Imperial): 35 in  
Overall Width (Metric): 1 m

# 3M™ Scotch-Weld™ Epoxy Adhesive EC-2615 B/A LW

## Details

- 2:1 mix ratio simplifies mixing
- 60 minute work time allows for positioning and adjusting for fit prior to setting
- Available in bulk or duo-pak cartridges
- Flexible to withstand vibration
- Outstanding environmental performance
- High peel and shear strength for strong bonds in critical applications
- Low sag
- Available in off white and charcoal (dark gray) colors

## Typical properties

- Adhesive Type: Epoxy
- Container Size (Imperial): 1 qt, 1.69 fl oz, 6.76 fl oz, 12.85 fl oz, 15 gal
- Container Size (Metric): 0.95 L, 50 mL, 56.78 L, 200 mL, 380 mL
- Cure Rate: 7 days
- Cure Temperature: Room Temperature
- Density: 1.09 g/cc
- Factory ISO Certification: No ISO Certification information available
- Industries: Aerospace, Transportation
- Product Form: Cartridge, Kit
- Time to Handling Strength: 5 - 6 Hours, 5 Hour
- Work Life: >60 min
- eClass 14 Classification Group: 23330109



## **3M™ Silane Glass Treatment AP115**

### **Details**

Promotes adhesion of 3M™ VHB™ Tapes to uncoated glass surfaces  
Creates a hydrophobic surface on uncoated glass to protect the 3M™ VHB™  
Tape bondline  
Available in 4 fl. oz spray bottle or 1 gallon bulk bottle  
Durable and easy to apply  
Clear in color

### **Typical properties**

Application Temperature-Environment: 50F-100F, 60°F-80°F  
Application Temperature-Environment (Metric): 10°C - 38°C  
Brands: 3M™  
Clean-up: Isopropyl Alcohol  
Full Cure Time: 2 min  
Industries: Construction  
Net Weight (Imperial): 0.26 lb, 7.38 lb  
Net Weight (Metric): 0.12 kg, 3.35 kg  
Physical Form: Liquid  
Product Color: Transparent  
Product Form: Bottle, Each  
Product Type: Primer  
Shelf Life in Months (From Date of Manufacture): 12  
Smallest Saleable Unit: Each  
Storage Temperature (Celsius): 10°C - 35°C  
Storage Temperature (Fahrenheit): 50°F - 95°F  
Surface Type: Glass  
Units per Case: 4.0,20.0  
Volume (Imperial): 1 gal, 4 fl oz  
Volume (Metric): 3.79 L, 118.29 mL  
eClass 14 Classification Group: 23330504

### **Dimensions and Classifications**

Overall Height (Imperial): 5.88 in, 11.75 in  
Overall Height (Metric): 14.92 cm, 29.85 cm  
Overall Length (Imperial): 1.64 in, 6 in  
Overall Length (Metric): 4.17 cm, 15.24 cm  
Overall Width (Imperial): 1.64 in, 6 in  
Overall Width (Metric): 4.17 cm, 15.2

# 3M™ Scotch-Weld™ Epoxy Adhesive DP420NS WS

## Details

High peel and shear strength maintains lasting bond at high and low temperatures  
Toughened for impact and fatigue resistance  
20 minute work life provides time for positioning and adjustment  
Non-sag formulation ensures adhesive stays where applied  
With Spacer Beads to control bondline thickness

## Typical properties

Adhesive Type: Epoxy  
Application: Bonding  
Brands: Scotch-Weld™  
Container Size (Imperial): 5 gal  
Container Size (Metric): 18.93 L  
Hardness: 75 - 80 Shore D  
Industries: Automotive, Construction, Consumer Goods, Electronics, General Industrial, Military, Military & Government, Specialty Vehicle, Transportation  
Mix Ratio Volume Base:Accelerator: 2:1  
Open Time: 20 min @ 72 °F (22 °C)  
Physical Form: Paste  
Set Time: 2 hr  
Shear Strength: 4500 psi  
Specific Gravity: 1.1  
Storage Temperature (Celsius): 22°C  
Storage Temperature (Fahrenheit): 72 Degree Fahrenheit  
Surface Type: Painted, Powder Coated, Smooth, Unpainted  
Units per Case: 1.0  
Volume (Imperial): 5 gal  
Volume (Metric): 18.9 L, 18.9271 L  
eClass 14 Classification Group: 23330109

# **3M™ Scotch-Weld Epoxy Adhesive DP421LH, Off-White, 200 mL Cartridge, 12/Case**

Part Number DP421LH 3M ID 7100230767 UPC 00638060408186

## **Details**

High peel and shear strength maintains lasting bond at high and low temperatures  
Low halogen as defined by the Electrotechnical Commission (IEC) 61249-2-21 Standard  
Toughened for impact and fatigue resistance  
20 minute work life provides time for positioning and adjustment  
Adhesive cures at room temperature, making it a convenient and easy to use solution for challenging applications  
Adhesive contains UV tracer for easy automated and visual inspections

## **Typical properties**

Adhesive Type: Epoxy  
Brands: Scotch-Weld™  
Consistency: Liquid  
Container Size (Imperial): 6.76 fl oz  
Container Size (Metric): 200 mL  
Container Type: Cartridge  
Cure Temperature: Room Temperature  
Industries: Electronics  
Physical Form: Flowable Liquid  
Volume (Imperial): 200 fl oz  
Volume (Metric): 200 mL  
eClass 14 Classification Group: 23330109

# **3M™ High Strength Small Hole Repair Kit**

3M ID B5005378016

## **Details**

CONTAINS all the tools necessary for a professional repair  
KIT INCLUDES 8 fluid ounce tub of primer enhanced spackling compound, 4" self-adhesive patch, 3" putty knife and sanding pad  
FOR HOLE REPAIRS up to 3" in diameter  
3M™ SMALL HOLE REPAIR makes repairs 3x faster than traditional spackling  
NO SHRINKING, cracking, or sagging  
SMOOTH with included 3M™ sanding pad after repair  
EASY TO SAND spackling compound  
Not recommended for structural joints or stress cracks

## **Typical properties**

Brands: 3M™  
Product Use: Small Hole Repair  
eClass 14 Classification Group: 22170700

## **3M™ High Strength Hole Repair, Color Changing Spackling Compound CC-KIT, 8 fl oz, 4/case**

3M ID 70009140487 UPC 00068060468710

### **Details**

KIT INCLUDES color changing spackling compound, 3" putty knife, 4" drywall repair screen and sanding pad  
APPLIES BLUE, DRIES WHITE so you know it's ready to sand  
QUICK AND EASY REPAIR for dents, dings and small repairs  
FOR HOLE REPAIRS up to 3" in diameter  
IDEAL FOR USE on drywall, plaster, stucco and wood  
FOR INTERIOR AND EXTERIOR repairs  
LIGHTWEIGHT, HIGH-STRENGTH spackle  
MAKES REPAIRS 3X FASTER than traditional vinyl spackling  
NO CRACKING OR SAGGING  
PRIMER-ENHANCED spackling compound for improved hiding power  
RESISTS paint flashing  
PROFESSIONAL-LOOKING results  
READY-TO-USE spackle  
EASY TO SAND  
Not recommended for structural joints or stress cracks

### **Typical properties**

Brands: 3M™  
Container Type: Kit  
Factory ISO Certification: No ISO Certification information available  
Features: Color Changing  
Product Use: Color Changing Repair  
eClass 14 Classification Group: 22170700

## **Zirconia Solution R-27639, 300 Gallon, IBC, Private Label**

3M Product Number R-27639 3M ID 7100332162 UPC 00068060007124

### **Details**

Zirconia solution  
Good temperature stability  
Thermally and corrosion resistant

### **Typical properties**

eClass 14 Classification Group: 23330106

## **3M™ VHB™ L Abrader Tool, 1 Each/Case**

3M Product Number DEM0 3M ID 7010336124 UPC 00076308984861

### **Details**

Efficiently abrades or scuffs surfaces to promote adhesion with 3M™ VHB™ Tapes

Typically used on painted or mill-finished aluminum surfaces

Create additional surface area that can increase adhesion

Smooth a textured surface to obtain more flatness for increased contact area and improved adhesion

### **Typical properties**

Brands: VHB™

Product Color: Black

Product Form: Each

eClass 14 Classification Group: 23330106

### **Dimensions and Classifications**

Overall Length (Imperial): 9 in

Overall Length (Metric): 0.228 m

Overall Width (Imperial): 2.25 in

Overall Width (Metric): 57.15 mm



# **3M™ Scotch-Weld™ Epoxy Adhesive DP100LH**

3M Product Number DP100LH 3M ID B5005065035

## **Details**

2-4 minute worklife  
High shear and peel strength  
Low Halogen  
Low Viscosity

## **Typical properties**

Brands: Scotch-Weld™  
eClass 14 Classification Group: 23330109

## **3M™ Neoprene High Performance Contact Adhesive 1357L**

### **Details**

High performance laminating contact adhesive  
Adheres, sheet metals, such as stainless steel, aluminum, cold rolled steel and many plastics to numerous other substrates  
High performance laminating adhesive  
Excellent moisture and heat resistance and will perform up to up to 300°F/148°C  
Available in tubes, cans or pails  
This is the low-viscosity version of the product

### **Typical properties**

Brands: 3M™  
Container Size (Imperial): 5 Gallon, 55 Gallon  
Container Size (Metric): 18.93 Liter, 208.2 Liter  
Container Volume: 5.0 Gal. (US), 54.0 Gal. (US)  
Heat Resistance: <230 Degree Fahrenheit  
Heat Resistance (Celsius): <110 °C  
Product Form: Bulk  
Surface Type: Laminate  
Units per Case: 1.0  
Volume (Imperial): 5 gal, 55 gal  
eClass 14 Classification Group: 23330115

# **3M™ High Strength Crack Repair CR-7-SQ, Squeeze Tube, 7 oz**

3M ID 70009135271 UPC 00068060464606

## **Details**

PRECISION TIP for easy application directly into cracks and fractures  
MAKES REPAIRS 3X FASTER than traditional vinyl spackling  
FOR INTERIOR OR EXTERIOR REPAIRS when sealed with exterior paint  
REPAIR DAMAGED AREAS on walls and ceilings  
IDEAL FOR repairing large holes, cracks and damaged surfaces in drywall,  
plaster, stucco, concrete and wood  
FIBER REINFORCED for strength  
NO SHRINKING, CRACKING OR SAGGING  
EASY TO SAND  
LIGHT IN WEIGHT, HEAVY IN STRENGTH  
HOLDS STRONG for lasting repairs  
Not recommended for structural joints or stress cracks

## **Typical properties**

Brands: 3M™  
Factory ISO Certification: No ISO Certification information available  
Features: Fiber Reinforced  
Product Use: Large Hole Repair  
Recommended Surfaces: Drywall, plaster, stucco, wood  
eClass 14 Classification Group: 22170700

# **3M™ Wind Polyurethane Sealant W2640**

3M ID B5005106001

## **Typical properties**

eClass 14 Classification Group: 23330106

# **3M™ Adhesion Promoter Large Applicator AP86A, Clear, 30 mL, 10 Each/Case**

Part Number AP86A 3M Product Number AP86A 3M ID 7100104988

## **Details**

Increases the bond between photopolymer plates and flexographic plate mounting tapes

Provides added confidence that plate edges will not lift on press

For use with 3M™ Cushion-Mount™ Plus Plate Mounting Tapes

## **Typical properties**

Brands: 3M™

Industries: Print

Product Color: Transparent

Product Form: Each

Product Type: Adhesion Promoter

Volume (Imperial): 1.01 fl oz

Volume (Metric): 30 mL

eClass 14 Classification Group: 23330504

# 3M™ Scotch-Weld™ Structural Adhesives Primer EC-1290

## Details

- Ensures complete wetting of film adhesive to the bonding surfaces
- Simplifies production scheduling by protecting the cleaned surfaces until bonding process
- Promotes long-term durability to bonded joints
- Stable coating protects etched and anodized substrates for long term storage
- Improves adhesion at elevated temperatures

## Typical properties

- Application: Metal Bonding
- Chemical Base: Nitrile Phenolic
- Composition: Solvent Based
- Cure Temperature: Elevated Temperature
- Density: 0.86 Gram per Liter
- Factory ISO Certification: No ISO Certification information available
- Product Type: Primer
- Surface Treatment: No
- Surface Type: Metal
- Volume (Imperial): 1 gal, 5 gal
- Volume (Metric): 3.79 L, 18.93 L
- eClass 14 Classification Group: 23330504

# **3M™ Scotch-Weld™ Structural Adhesive EC-3448 6oz Semco Cartridge, 6 Each/Case**

Part Number EC-3448 3M Product Number EC-3448 3M ID 7000046471

## **Details**

Designed to bond pre-cured graphite epoxy composites  
Excellent performance from -67°F (55°C) to 225°F (107°C)  
Unusually high 180°F hot/wet durability  
Non-Sagging thixotropic formula holds its shape for precise bond line control and less rework  
This is a paste version of the 3M™ Scotch-Weld™ Structural Adhesive Film AF 163-2 Film

## **Typical properties**

Application: Composite Bonding, Metal Bonding, Metal to Composite Bonding  
Brands: Scotch-Weld™  
Container Size (Imperial): 6 Ounce  
Container Size (Metric): 170.1 g  
Factory ISO Certification: No ISO Certification information available  
Product Color: Light Tan  
eClass 14 Classification Group: 23330109



# **3M™ Neoprene High Performance Rubber and Gasket Adhesive 1300L**

## **Details**

Adheres neoprene, SBR, butyl, and other types of rubbers to other various substrates  
Excellent moisture and heat resistance and will perform up to up to 300°F/148°C  
Can be used as a contact or wet-bond adhesive  
Available in tubes, cans or pails  
Compatible with industrial spray equipment  
This is the low-viscosity version of the product

## **Typical properties**

Brands: 3M™  
Container Size (Imperial): 1 Quart, 1 Gallon, 5 Gallon, 55 Gallon  
Container Size (Metric): 1 Liter, 3.8 Liter, 20 Liter, 208.2 Liter  
Container Type: Can  
Container Volume: 5.0 Gal. (US), 1.0 Quart, 1.0 Gal. (US), 54.0 Gal. (US)  
Heat Resistance: <230 Degree Fahrenheit  
Heat Resistance (Celsius): <110 °C  
Product Color: Yellow  
Product Form: Bulk  
Product Type: Adhesive  
State Restrictions: CA, CT, DC, DE, IL, MA, MD, ME, MI, NH, NJ, NY, OH, PA, RI, VI  
Surface Type: Laminate  
Units per Case: 1.0, 12.0, 4.0  
Volume (Imperial): 1 qt, 1 gal, 5 gal, 55 gal  
eClass 14 Classification Group: 23330115

# **3M™ Scotch-Weld™ Structural Plastic Adhesive 8010FC, Blue, Part B, 55 Gallon (50 Gallon Net), Drum**

3M Product Number 8010FC 3M ID 7010329548 UPC 00051115648168

## **Details**

Creates strong bond on low surface energy plastics (LSE) such as polyolefin with minimal or no surface prep required

Resists many chemicals, water, humidity and corrosion

Formulated to bond multi-material assemblies such as LSE plastics, thermoplastics, composites and metals

Medium viscosity allows controlled dispensing

10 minute work life with 60 minute handling strength

Strong adhesive can replace screws, rivets and welding

## **Typical properties**

Adhesive Type: Acrylic

Brands: Scotch-Weld™

Container Size (Imperial): 55 gal

Container Size (Metric): 208.2 L

Full Cure Time: 8 hr - 24 hr

Open Time: 10 min @ 72 °F (22 °C)

Physical Form: Flowable Liquid

Set Time: 2 hr

Shear Strength: 1800 psi

Specific Gravity: 1.01

Storage Temperature (Celsius): 4 °C

Storage Temperature (Fahrenheit): <=40 Degree Fahrenheit

Units per Case: 1.0

Volume (Imperial): 55 gal

Volume (Metric): 208.2 L

eClass 14 Classification Group: 23330109

## **3M™ High Strength Small Hole Repair, All-in-One Applicator Tool**

3M ID B5005378017

### **Details**

MAKES REPAIRS 3X FASTER than traditional vinyl spackling  
QUICK AND EASY repair for nicks and nail holes  
FOR HOLE REPAIRS up to 3" in diameter  
PRIMER ENHANCED spackling compound for great hiding power  
RESISTS FLASHING of paint  
NO SHRINKING, cracking, or sagging  
LIGHTWEIGHT spackle compound  
PROFESSIONAL-LOOKING results  
FOR INTERIOR USE or exterior when finished with exterior paint or sealer  
FIRMLY HOLDS nails and screws after repair  
INCLUDES EVERYTHING you need for small wall repairs in one easy tool: putty knife, primer enhanced spackle and sanding pad  
Earned 2016 WorldStar Award - "It simplifies life for do-it-yourselfers in repair projects"

### **Typical properties**

Brands: 3M™  
Product Use: Small Hole Repair  
eClass 14 Classification Group: 22170700

## **3M™ High Strength Small Hole Repair Kit SHR-SIOCKIT, Ships in Own Container**

3M ID 70009141279 UPC 00068060469564

### **Details**

CONTAINS all the tools necessary for a professional repair  
ANGLED DRYWALL sanding sponge included in online kit only  
KIT INCLUDES 8 fluid ounce tub of primer enhanced spackling compound, 4" self-adhesive patch, 3" putty knife and sanding pad  
FOR HOLE REPAIRS up to 3" in diameter  
3M™ SMALL HOLE REPAIR makes repairs 3x faster than traditional spackling  
NO SHRINKING, cracking, or sagging  
SMOOTH with included 3M™ sanding pad after repair  
EASY TO SAND spackling compound  
Not recommended for structural joints or stress cracks

### **Typical properties**

Brands: 3M™  
Container Type: Kit  
Factory ISO Certification: No ISO Certification information available  
Features: Primer Enhanced  
Product Use: Small Hole Repair  
eClass 14 Classification Group: 22170700

# **3M™ Scotch-Weld™ Structural Adhesive Primer EC-3918, Non-Chromated, 1 gal, 4 Drum/Case**

Part Number EC-3918 3M Product Number EC-3918 3M ID 7100055869

## **Details**

Spray, brush or roller application meets a variety of process requirements  
Promotes long-term durability to bonded joints  
Stable coating protects etched and anodized substrates for long term storage  
Provides a solvent resistant coating durable protection when cured  
Compatible with adhesives that cure at 250°F or 350°F

## **Typical properties**

Brands: Scotch-Weld™  
Composition: Solvent Based (Chromated)  
Factory ISO Certification: No ISO Certification information available  
Product Color: Yellow  
Product Type: Primer  
Volume (Imperial): 1 gal  
Volume (Metric): 3.79 L  
eClass 14 Classification Group: 23330504

# **3M™ Scotch-Weld™ Structural Adhesive EC-3439, 5 gal, 1 Drum/Case**

Part Number EC-3439 3M Product Number EC-3439 3M ID 7100133694

## **Details**

High compressive strength formula is ideal for filling voids and honeycomb core  
Cures in one hour at 250°F (121°C) to keep processes moving forward  
The compound has thixotropic properties for ease of application  
Cured material is flame retardant  
Rigid, solvent resistant material can provide long service life

## **Typical properties**

Adhesive Type: Epoxy  
Application: Potting  
Application Life: 60 Minute  
Brands: Scotch-Weld™  
Compressive Strength: 55 MPa (8000 psi)  
Container Size (Imperial): 5 Gallon  
Cure Temperature: 250 Degree Fahrenheit  
Factory ISO Certification: No ISO Certification information available  
Flame Retardant: No  
eClass 14 Classification Group: 22170700

# 3M™ Scotch-Weld™ Metal Primer EC-3901, 0.5 pt, 12 Can/Case

Part Number EC-3901 3M Product Number EC-3901 3M ID 7100039750

## Details

- Improves adhesion to glass and metal
- Increases resistance to environmental exposure with epoxy and urethane structural adhesives
- Protects cleaned surfaces until bonding operations can be completed
- Offers improved corrosion protection to metal for long-lasting performance
- Ensures complete wetting of adhesive to adherend surfaces
- Applies easily and dries quickly

## Typical properties

- Brands: Scotch-Weld™
- Composition: Solvent Based
- Factory ISO Certification: No ISO Certification information available
- Product Type: Primer
- Volume (Imperial): 0.5 pt
- Volume (Metric): 236.588 mL
- eClass 14 Classification Group: 23330504

# **3M™ Applicator Nozzle Tip NT PC-1 for Low-Density Void Filler Partial-Cut Fill**

Part Number NT PC-1 3M Product Number NT PC-1 3M ID 7010304402

## **Details**

For use with 3M™ Low Density Void Filler Adhesives  
Fits securely on a round 13 mm OD mixing nozzle  
Reduces worker touch time  
Includes 3 tips

## **Typical properties**

Brands: 3M™  
Factory ISO Certification: No ISO Certification information available  
Material: Plastic  
Product Form: Each  
Product Type: Tip  
Tip Style: Sealer  
eClass 14 Classification Group: 21045111



## 3M™ Polyurethane Sealant 540

### Details

**MULTI-PURPOSE BONDING:** Forms long lasting seals dissimilar materials such as plastics, fiberglass reinforced plastic (FRP), sheet molding compound (SMC), aluminum, steel, coated metal and wood for increased design flexibility

**FLEXIBLE BONDS:** Maintains elasticity for shock absorption and long-term joint movement

**PAINTABLE IN MINUTES:** Forms a skin in 60-90 minutes that can be painted on once the sealant is fully cured

**Weather Resistant:** A distinct ability to excel in challenging outdoor industrial, transportation, and construction environments between -40 °F (-40 °C) and 194 °F (90 °C)

**EASY TO USE:** Single component, moisture-curing sealant fills gaps and simplifies production

### Typical properties

Adhesive Type: Polyurethane

Application Method: Hand or pressure caulk, Liquid

Application Temperature From (Celsius): 5 °C

Application Temperature To (Celsius): 35 °C

Assembly Type: Sealing

Brands: 3M™

Container Size (Imperial): 5 Gal. (US), 10.14 fl oz (US), 10.5 fl oz (US), 13.5256 fl oz (US), 50 Gal. (US)

Container Size (Metric): 18.93 Liter, 189.3 Liter, 310 ml, 400 ml, 600 ml

Full Cure Time: >3 mm/24 hr

Hardness: 40 Shore A

Industries: Construction, General Industrial, Transportation

Maximum Operating Temperature (Celsius): 90 °C

Maximum Operating Temperature (Fahrenheit): 194 none

Minimum Operating Temperature (Celsius): -40 °C

Minimum Operating Temperature (Fahrenheit): -40 °F

Modulus at 100%: 58 Pound-Force Per Square Inch

Permeability: Permeable

Physical Form: Medium paste

Product Color: Black, Gray, White

Product Form: Cartridge, Drum, Gallon, Sausage

Product Type: Flashing Accessory, Sealant

Smallest Saleable Unit: Each

Solids Weight Percent (Approximate): 90 %

Surface Type: Metal

Tack-free Time: 1 hr

Tensile Strength (Imperial): 250 psi

Units per Case: 1.0,12.0

Volume (Imperial): 5 fl oz

eClass 14 Classification Group: 23330106

## **3M™ Plastic Emblem and Trim Adhesive, 03601, 1 oz, 24 per case**

3M ID 60455056212 UPC 00051131036017

### **Details**

Bonds fully cured automotive paints and plastic for interior and exterior applications  
Strong adhesion resists environmental exposure such as water and heat  
Quick-acting adhesive sets in about 15 minutes and fully cures in 24 hours  
Adhesive dries clear for bonding transparent or translucent plastics  
Strong-adhesive properties create a permanent bond

### **Typical properties**

Brands: 3M™  
Case Quantity: 4.0 Packs per Case  
Factory ISO Certification: No ISO Certification information available  
eClass 14 Classification Group: 23330115

# **FPP-64-BB 3M(TM) Wall Repair Fiber Reinforced Compound 64 fl oz (1.89L)**

3M ID V000524775

## **Typical properties**

Brands: 3M™

Factory ISO Certification: No ISO Certification information available

Features: Fiber Reinforced

eClass 14 Classification Group: 22170700

# **3M™ High Strength Large Hole Repair**

3M ID B5005378015

## **Details**

MAKES REPAIRS 5X FASTER than traditional vinyl spackling  
REPAIR HOLES 3" – 5" in diameter  
FOR INTERIOR OR EXTERIOR REPAIRS when sealed with exterior paint  
REPAIR DAMAGED AREAS on walls and ceilings  
IDEAL FOR repairing large holes, cracks and damaged surfaces in drywall, plaster, stucco, concrete and wood  
FIBER REINFORCED for strength  
NO SHRINKING, cracking, or sagging  
EASY TO SAND after application  
LIGHT IN WEIGHT, heavy in strength  
HOLDS STRONG for lasting repairs  
For holes requiring additional wall support, use with 3M™ Repair Plates

## **Typical properties**

Brands: 3M™  
Product Use: Large Hole Repair  
eClass 14 Classification Group: 22170700

## **3M™ High Strength Hole Repair, Color Changing Spackling Compound CC-SIOCKIT, 8 fl oz, 12/case**

3M ID 70009141253 UPC 00068060469540

### **Details**

KIT INCLUDES color changing spackling compound, 3" putty knife, 4" drywall repair screen and angled drywall sanding sponge  
APPLIES BLUE, DRIES WHITE so you know it's ready to sand  
ANGLED DRYWALL sanding sponge included in online kit only  
FOR HOLE REPAIRS up to 3" in diameter  
IDEAL FOR USE on drywall, plaster, stucco and wood  
FOR INTERIOR AND EXTERIOR repairs  
LIGHTWEIGHT, HIGH-STRENGTH spackle  
MAKES REPAIRS 3X FASTER than traditional vinyl spackling  
NO CRACKING OR SAGGING  
PRIMER-ENHANCED spackling compound for improved hiding power  
RESISTS paint flashing  
PROFESSIONAL-LOOKING results  
READY-TO-USE spackle  
EASY TO SAND  
Not recommended for structural joints or stress cracks

### **Typical properties**

Brands: 3M™  
Container Type: Kit  
Factory ISO Certification: No ISO Certification information available  
Features: Color Changing  
Product Use: Color Changing Repair  
eClass 14 Classification Group: 22170700

## **3M™ Super 77 Multipurpose Adhesive**

3M ID CBGNAWUS1400 UPC 00076308929619

### **Details**

Multipurpose spray adhesive bonds to many surfaces; great for use in home, office, and craft projects

Sticks to: Cardboard; Ceramic; Fabric; Fiberglass; Foam; Glass; Leather; Metal; Paper; Plastic; Rubber; Vinyl; Wood

Aggressive tack provides high initial grab, with enough time to position materials properly

Transparent spray formula

Industrial sized can provides high coverage

Resists dripping or running when used in vertical applications

Includes 1 can; 16.75 fl. oz

### **Typical properties**

Acid Free: Yes

Factory ISO Certification: No ISO Certification information available

Net Weight (Imperial): 4.4 oz, 10.7 oz, 13.5 oz, 16.7 oz

Product Color: Transparent

eClass 14 Classification Group: 23330115

# 3M™ Scotch-Weld™ Epoxy Adhesive DP460NS

## Details

**MULTI-PURPOSE:** Suitable for metals, ceramics, wood, glass, and some plastics

**KEY INDUSTRIES:** Ideal for applications in construction and building, aircraft and automobile manufacturing, appliance repair, and many more

**MADE FOR CHALLENGING CONDITIONS:** Withstands high impact and stress to help maintain a secure bond

**HIGH-PERFORMANCE:** Stands up to expansion, flexing, and environmental aging

**TIME TO ADJUST:** Provides 60 minutes of open working time before the product is fixed in place

**HANDLING TIME:** Offers handling strength in 4 hours

**CURING TIME:** Fully cured in 24 hours at a temperature of 73 °F (23 °C)

**PRODUCT OPTIONS:** Available in bulk form or a Duo-Pak (DP)

## Typical properties

Adhesion Strength (Imperial): 1120 oz/in

Adhesive Type: Epoxy

Application: Bonding, Impact Resistance

Brands: Scotch-Weld™

Container Size (Imperial): 1.69 fl oz, 5 gal, 6.76 fl oz, 13.52 fl oz

Container Size (Metric): 18.93 L, 50 mL, 200 mL, 400 mL

Hardness: 78 - 84 Shore D

Industries: Construction, Consumer Goods, Electronics, General Industrial, MRO, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking

Mix Ratio Volume Base:Accelerator: 2:1

Open Time: 60 min @ 72 °F (22 °C)

Physical Form: Flowable Liquid, Paste

Product Form: Cartridge

Set Time: 4 hr

Shear Strength: 4500 psi, 4650 psi

Specific Gravity: 1.08,1.14,1.12

Specifications Met: UL 94 HB

Storage Temperature (Celsius): 22°C,16°C - 27°C

Storage Temperature (Fahrenheit): 60 °F - 80 °F,72 Degree Fahrenheit

Surface Type: Painted, Powder Coated, Smooth, Unpainted

Units per Case: 1.0,12.0,6.0

Volume (Imperial): 1.69 fl oz, 5 gal, 6.76 fl oz, 13.52 fl oz

Volume (Metric): 18.9 L, 50 mL, 200 mL, 400 mL

Work Life: 60 min

eClass 14 Classification Group: 23330109

# **3M™ High Strength Large Hole Repair Kit**

3M ID B5005378014

## **Details**

FLEXES AND ADHERES behind wall for professional results  
FOR HOLES 3"-5" in diameter  
MAKES REPAIRS 5X FASTER when used with 3M™ High Strength Large Hole  
Repair Compound  
REPAIR DAMAGED AREAS on walls and ceilings  
NO SHRINKING, cracking, or sagging  
Interior/exterior (with exterior paint)  
EASY TO SAND spackling compound  
CUSTOMIZE repair plate by cutting to desired size  
Not recommended for structural joints or stress cracks

## **Typical properties**

Brands: 3M™  
Product Use: Large Hole Repair  
eClass 14 Classification Group: 22170700



# **3M™ Scotch-Weld™ Core Reinforce Adhesive EC-3903, 5 gal, 1 Drum/Case**

Part Number EC-3903 3M Product Number EC-3903 3M ID 7010299378

## **Details**

Epoxy bonds and reinforces crushed honeycomb core  
Liquid spray allows adhesive to form to a solid coating when cured  
Best used with 3M™ Scotch-Weld™ Structural Adhesive Films AF 126 or AF 126-2  
Use with 3M™ Scotch-Weld™ EC-3703 to reduce viscosity and solids  
Spray reaches difficult to access areas of core

## **Typical properties**

Adhesive Type: Epoxy  
Application: Honeycomb Reinforcement  
Brands: Scotch-Weld™  
Container Size (Imperial): 5 Gallon  
Container Size (Metric): 18.93 Liter  
Cure Temperature (Celsius): 121 °C  
Cure Temperature (Fahrenheit): 250 °F  
Factory ISO Certification: No ISO Certification information available  
Product Color: Green  
eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Structural Void Filling Compound EC-3524 B/A

## Details

Compound is sandable within 3 hours of mixing to keep processes moving forward  
Strong, low-density material provides impact resistance and saves weight  
Non-sag property allows application to multiple work pieces at one time  
After mixing, blue, off-white and black color allows for preferred appearance  
Meets aerospace fire retardancy regulations  
Effective as an abradable compound in aircraft engines  
Versatile formula can be used for bonding inserts

## Typical properties

Adhesive Type: Epoxy  
Application Life: 90 Minute  
Compressive Strength: 16 MPa (2300 psi)  
Container Size (Imperial): 0.5 Gallon, 1 kg  
Cure Rate: 48 hr  
Cure Temperature: Room Temperature  
Density: 0.48 g/cc  
Density (Metric): 500 kg/m<sup>3</sup>  
Factory ISO Certification: No ISO Certification information available  
Flame Retardant: FR  
Industries: Aerospace, Military  
Meets Specifications: 14 CFR-25.853(a)(d)  
Product Color: Black, Blue  
Product Form: Kilogram  
Work Life: 90 min @ Room Temperature  
eClass 14 Classification Group: 22170700

# **3M™ MIX & DISPENSE EQUIPMENT 250-81T BARRIER KIT, 2.5 OZ TPD 8 IN, 1 PER CASE**

Part Number Cartridge and Accessories 3M Product Number Cartridge and Accessories 3M  
ID 7010299842

## **Details**

Wiper edge plungers swipe each cartridge thoroughly to maximize use of materials

Parts that form injection kit offer compact and simple method of packaging resin systems

Material in kits can be disposed of, in a manner that complies with applicable regulations, without physical contact with the sealant

Polyethylene is chemically resistant and will not interact or affect sealant material dispensed through it

Accessories also include cartridge caps and ramrods

## **Typical properties**

Application: Sealing

Brands: 3M™

Equipment Type: Barrier Kit

Factory ISO Certification: No ISO Certification information available

Product Form: Each

# **3M™ MIX & DISPENSE EQUIPMENT 250-61T BARRIER KIT, 2.5 OZ TPD 6 IN, 1 PER CASE**

Part Number Cartridge and Accessories 3M Product Number Cartridge and Accessories 3M  
ID 7010332506

## **Details**

Wiper edge plungers swipe each cartridge thoroughly to maximize use of materials

Parts that form injection kit offer compact and simple method of packaging resin systems

Material in kits can be disposed of, in a manner that complies with applicable regulations, without physical contact with the sealant

Polyethylene is chemically resistant and will not interact or affect sealant material dispensed through it

Accessories also include cartridge caps and ramrods

## **Typical properties**

Application: Sealing

Brands: 3M™

Equipment Type: Barrier Kit

Factory ISO Certification: No ISO Certification information available

Product Form: Each

# 3M™ Scotch-Weld™ Epoxy Adhesive DP460

## Details

**DIVERSE APPLICATIONS:** Works well on ceramics, metals, glass, wood, and plastics  
**VERSATILE INDUSTRIES:** Ideal for transportation, aerospace, construction, and sporting goods repair applications  
**MADE FOR CHALLENGING CONDITIONS:** Withstands high impact and stress to help maintain a secure bond  
**HIGH-PERFORMANCE:** Stands up to expansion, flexing, and environmental aging  
**ONE-HOUR OF WORKING TIME:** Offers ample time to reposition the project  
**FAST-HANDLING:** Allows project handling in 4 hours  
**CURING TIME:** Fully cured in 24 hours at a temperature of 73 °F (23 °C)  
**PRODUCT OPTIONS:** Available in bulk form or a Duo-Pak (DP)  
**KEY SPECIFICATIONS:** UL-HB Certified, ASTM E162, ASTM E662, Bombardier SMP 800C, and Boeing BSS 7239

## Typical properties

Adhesion Strength (Imperial): 960 oz/in  
Adhesive Type: Epoxy  
Application: Impact Resistance  
Brands: Scotch-Weld™  
Container Size (Imperial): 1 qt, 1.69 fl oz, 5 gal, 6.76 fl oz, 13.52 fl oz, 55 gal  
Container Size (Metric): 0.95 L, 18.93 L, 50 mL, 200 mL, 208.2 L, 400 mL  
Design Challenges: Impact & Shock Absorption, Noise Vibration & Harshness Control NVH  
Hardness: 75 - 80 Shore D  
Industries: Construction, Consumer Goods, Electronics, General Industrial, MRO, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Mix Ratio Volume Base:Accelerator: 2:1  
Open Time: 60 min @ 72 °F (22 °C)  
Performance Level: Best  
Physical Form: Flowable Liquid, Paste  
Product Form: Cartridge, Each, Kit  
Set Time: 4 hr  
Shear Strength: 4500 psi  
Smallest Saleable Unit: Each  
Specific Gravity: 1.09,1.08,1.14,1.12  
Specifications Met: ASTM E662, Bombardier SMP 800-C, UL 94 HB  
Storage Temperature (Celsius): 22°C  
Storage Temperature (Fahrenheit): 72 Degree Fahrenheit  
Surface Type: Painted, Powder Coated, Smooth, Unpainted  
Units per Case: 1.0,12.0,6.0  
Volume (Imperial): 1 qt, 1.69 fl oz, 5 gal, 7.03 fl oz, 13.52 fl oz, 55 gal  
Volume (Metric): 0.9 L, 19 L, 50 mL, 200 mL, 208.2 L, 400 mL  
Work Life: 60 - 90 min  
eClass 14 Classification Group: 23330109

## **3M™ Wind Threadlocker W1235**

3M ID B00015571

### **Typical properties**

eClass 14 Classification Group: 23330111

# 3M™ Scotch-Weld™ Epoxy Adhesive EC-2815 B/A FR

## Details

- 2:1 mix ratio simplifies mixing
- 60 minute work time allows for positioning and adjusting for fit prior to setting
- Available in bulk or duo-pak cartridges
- Ideal for bonding interior sidewall panels, cargo bay panels, bar units, coatrooms and passenger doors
- Flexible to withstand vibration
- Outstanding environmental performance
- High peel and shear strength for strong bonds in critical applications
- White color and smooth finish matches white laminates
- Meets industry flame-retardant requirements

## Typical properties

- Adhesive Type: Epoxy
- Container Size (Imperial): 1.69 fl oz, 6.76 fl oz, 12.85 fl oz
- Container Size (Metric): 50 mL, 200 mL, 380 mL
- Cure Rate: 48 hr
- Cure Temperature: Room Temperature
- Factory ISO Certification: No ISO Certification information available
- Features: Flame Retardant
- Industries: Aerospace, Transportation
- Product Form: Cartridge
- Time to Handling Strength: 4 hr
- Work Life: 60 min
- eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Structural Adhesive Film AF 15

## Details

Unsupported film adhesive of nitrile-phenolic type, supplied with a protective liner  
Formulated to offer maximum in elevated temperature strength and still retain good flexibility, peel and low temperatures properties  
Produces exceptional strength characteristics with very short cures  
Similar in composition to 3M™ Scotch-Weld™ Bonding Film AF 31  
Adhesive can be cured at 350°F (175°C)

## Typical properties

Adhesive Type: Nitrile Phenolic  
Application: Bonding, Surfacing  
Cure Rate: 1 hr  
Curing Temperature (Celsius): 177 °C  
Curing Temperature (Fahrenheit): 350 °F  
Factory ISO Certification: No ISO Certification information available  
Maximum Operating Temperature (Celsius): 150 °C  
Maximum Operating Temperature (Fahrenheit): 300 °F  
Minimum Operating Temperature (Celsius): -55 °C  
Minimum Operating Temperature (Fahrenheit): -67 °F  
Product Color: Tan  
Product Form: Roll  
Storage Environment: Refrigeration Storage  
Substrate: Metal  
eClass 14 Classification Group: 23330301

## Dimensions and Classifications

Overall Length (Imperial): 50 yd  
Overall Length (Metric): 45.7 m  
Overall Width (Imperial): 36 in  
Overall Width (Metric): 0.9 m



**3M™ Venture Tape™ Printed Squeegee VTS-W, White, 2.75 IN x 4 IN,  
500/Case**

3M Product Number VT Squeegee 3M ID 7010379157 UPC 00076308863487

**Typical properties**

Brands: Venture Tape™

# 3M™ General Purpose Adhesive 60 CA Bulk CA

## Details

Economical adhesive offers a reliable hold  
Formulated with exceptionally high solids to provide high coverage at extra value  
Offers good performance on textured substrates  
Fast-tack adhesive for immediate handling  
This is the bulk version of the product

## Typical properties

Application: Protection - Sheet Waterproofing  
Application Method: Brush, Roll, Spray  
Brands: 3M™  
Container Size (Imperial): 5 Gallon, 55 Gallon  
Container Size (Metric): 18.93 Liter, 208.2 Liter  
Environmental Considerations: California Air Resources Board, Helps contribute to LEED® credits, Low VOC, Ozone Transport Commission, SCAQMD  
Flame Retardant: Flammable  
Form: Liquid  
Heat Resistance: <170 Degree Fahrenheit  
Heat Resistance (Celsius): <77 °C  
Industries: Construction, Consumer Goods, Furniture, Specialty Vehicle, Transportation  
Open Time: 1 - 60 min  
Product Color: Transparent  
Product Form: Bulk  
Solids Weight Percent (Approximate): 43 %  
Spray Pattern: Lace, Pebble  
Units per Case: 1.0  
eClass 14 Classification Group: 23330115

## **3M™ High Strength Large Hole Repair Kit LHR-SIOCKIT, Ships in Own Container**

3M ID 70009141261 UPC 00068060469557

### **Details**

ANGLED DRYWALL sanding sponge included in online kit only  
FLEXES AND ADHERES behind wall for professional results  
FOR HOLES 3"-5" in diameter  
MAKES REPAIRS 5X FASTER when used with 3M™ High Strength Large Hole Repair Compound  
REPAIR DAMAGED AREAS on walls and ceilings  
NO SHRINKING, cracking, or sagging  
Interior/exterior (with exterior paint)  
EASY TO SAND spackling compound  
CUSTOMIZE repair plate by cutting to desired size  
Not recommended for structural joints or stress cracks

### **Typical properties**

Brands: 3M™  
Container Type: Kit  
Factory ISO Certification: No ISO Certification information available  
Features: Fiber Reinforced  
Product Use: Large Hole Repair  
eClass 14 Classification Group: 22170700

## **3M™ High Strength Hole Repair, Color Changing Spackling Compound CC-SIOC, 12 fl oz, 12/case**

3M ID 70009141246 UPC 00068060469533

### **Details**

- Kit includes 12 fl oz spackling compound + 3" putty knife
- Applies blue, dries white so you know it's ready to sand
- For hole repairs up to 3" in diameter
- Ideal for use on drywall, plaster, stucco and wood
- For interior and exterior repairs
- Lightweight, high-strength spackle
- Makes repairs 3x faster than traditional vinyl spackling
- No cracking or sagging
- Primer-enhanced spackling compound for improved hiding power
- Resists paint flashing
- Professional-looking results
- Ready-to-use spackle
- Easy to sand
- Not recommended for structural joints or stress cracks

### **Typical properties**

- Brands: 3M™
- Container Type: Kit
- Factory ISO Certification: No ISO Certification information available
- Features: Color Changing
- Product Use: Color Changing Repair
- eClass 14 Classification Group: 22170700

## **3M™ Hot Melt Applicator Tips**

### **Details**

Threaded interiors provides easy installation  
Metal construction withstands high temperature adhesives  
Improves sightline and maximum control  
Provides precise and controlled adhesive flow

### **Typical properties**

Adhesive Size (Metric): 15 mm x 20 cm  
Brands: 3M™  
Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, Military & Government, Packaging, Retail, Signage, Specialty Vehicle, Transportation, Woodworking  
Material: Plastic  
Net Weight (Imperial): 0.3 oz, 0.48 oz, 1.44 oz  
Net Weight (Metric): 8.5 g, 8.55 g, 13.6 g, 40.8 g  
Product Form: Package  
Product Type: Nozzle, Tip  
Solids Weight Percent (Approximate): 100 %  
Units per Case: 3.0  
eClass 14 Classification Group: 21045111

### **Dimensions and Classifications**

Overall Height (Imperial): 0.12 in, 0.4 in, 0.5 in  
Overall Height (Metric): 0.3 cm, 1.02 cm, 1.27 cm  
Overall Length (Imperial): 4 in, 5.32 in, 6 in  
Overall Length (Metric): 10.16 cm, 13.5 cm, 15.25 cm  
Overall Width (Imperial): 4.1 in, 5 in, 6 in  
Over

# **3M™ Scotch-Weld™ Epoxy Adhesive DP100LH Plus**

3M ID B5005319032

## **Details**

High Shear and peel strength  
Low Halogen  
2-4 minute worklife

## **Typical properties**

Brands: Scotch-Weld™  
eClass 14 Classification Group: 23330109

# **3M™ High Strength Hole Repair Color Changing Spackling Compound**

3M ID B5005378011 UPC 00068060468253

## **Details**

APPLIES BLUE, DRIES WHITE so you know it's ready to sand  
QUICK AND EASY REPAIR for dents, dings and small repairs  
FOR HOLE REPAIRS up to 3" in diameter  
IDEAL FOR USE on drywall, plaster, stucco and wood  
FOR INTERIOR AND EXTERIOR repairs  
LIGHTWEIGHT, HIGH-STRENGTH spackle  
MAKES REPAIRS 3X FASTER than traditional vinyl spackling  
NO CRACKING OR SAGGING  
PRIMER-ENHANCED spackling compound for improved hiding power  
RESISTS paint flashing  
PROFESSIONAL-LOOKING results  
READY-TO-USE spackle  
EASY TO SAND  
Not recommended for structural joints or stress cracks

## **Typical properties**

Brands: 3M™  
Factory ISO Certification: No ISO Certification information available  
Features: Color Changing  
Product Use: Color Changing Repair  
eClass 14 Classification Group: 22170700

## **3M™ Scotch-Weld™ Adhesive EC-4419, 5 gals, 1/Case**

Part Number EC-4419 3M Product Number EC-4419 3M ID 7000046570

### **Details**

Oil resistant elastomer is fire retardant to help ensure safety standards

Quick drying helps keep processes and production moving without extended down times

Works well for brush and flow applications to ensure adhesive is applied directly where needed

Medium viscosity and the consistency of heavy syrup help prevent migration of adhesive during application and aids in ease of application when applied by brush

Bonds well to a wide selection of substrates, including metals and most plastics

### **Typical properties**

Adhesive Type: Pressure-sensitive

Brands: Scotch-Weld™

Container Size (Imperial): 5 Gallon

Container Size (Metric): 18.927 Liter

Cure Temperature: Room Temperature

Factory ISO Certification: No ISO Certification information available

Form: Syrup

Product Color: Yellow

Shelf Life: 6 Month

Surface Type: Metal, Plastic

eClass 14 Classification Group: 23330115



# **3M™ Wind Tape Adhesion Promoter W9910-1**

## **Details**

Designed to enhance initial adhesion of 3M™ Wind Protection Tapes in demanding situations

Increases adhesion strength on low surface energy paints

## **Typical properties**

Volume (Imperial): 15.994 fl oz

Volume (Metric): 473 mL

eClass 14 Classification Group: 23330504

## **Dimensions and Classifications**

Overall Length (Imperial): 7.087 in

Overall Length (Metric): 18 cm

Overall Width (Imperial): 7.087 in

Overall Width (Metric): 18 cm

# 3M™ Scotch-Weld™ Structural Adhesives Primer EC-3924B

## Details

Bond primer contains corrosion inhibiting pigment that prevents the onset of corrosion  
Promotes long term durability of bonded joints  
Stable coating protects etched and anodized substrates during storage  
Can be spray, brush or roller applied to meet a variety of process requirements

## Typical properties

Application: Corrosion Protection, Metal Bonding  
Brands: Scotch-Weld™  
Composition: Solvent Based (Chromated)  
Cure Temperature: Elevated Temperature  
Density: 0.89 Gram per Liter  
Factory ISO Certification: No ISO Certification information available  
Product Color: Yellow  
Product Type: Primer  
Surface Type: Metal  
Volume (Imperial): 1 gal, 1 qt, 5 gal  
Volume (Metric): 0.95 L, 3.79 L, 18.93 L  
eClass 14 Classification Group: 23330504

# 3M™ Scotch-Weld™ Positioning Fabric AF 3306-2, 42 in x 500 yd, 1 Roll/Case

Part Number AF 3306-2 3M Product Number AF 3306 3M ID 7000046459

## Details

Cloth enables the fabricator to reposition parts without destroying the integrity of the adhesive film  
Position between the component and the tacky adhesive in Scotch-Weld™ Brand Adhesive Films  
Vents trapped air prior to use in large metal to metal bonding applications  
Helps achieve perfect match of the component parts on your initial attempt

## Typical properties

Application: Surfacing  
Brands: Scotch-Weld™  
Factory ISO Certification: No ISO Certification information available  
Product Color: White  
Product Type: Fabric

## Dimensions and Classifications

Overall Length (Imperial): 500 yd  
Overall Length (Metric): 457.2 m  
Overall Width (Imperial): 42 in  
Overall Width (Metric): 1.1 m

# 3M™ Scotch-Weld™ Toughened Epoxy Adhesive LSB360NS

## Details

Toughened for heightened resistance against shock, vibration, and impact loads  
10 hour work life allows pre-mixing and extended open times  
Features good long-term holding power and peel strength  
Delivers non-sag formulation so adhesive stays where applied  
Ideal for bulk application through meter mix dispensing equipment

## Typical properties

Brands: Scotch-Weld™  
Container Size (Imperial): 55 gal  
Container Size (Metric): 208.2 L  
Industries: Construction, Specialty Vehicle, Transportation  
Units per Case: 1.0  
eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Epoxy Adhesive EC-460

## Details

- 2:1 mix ratio simplifies mixing
- 60 minute work time allows for positioning and adjusting for fit prior to setting
- Available in bulk or duo-pak cartridges
- Toughened to withstand demanding conditions
- Outstanding environmental performance
- High peel and shear strength for strong bonds in critical applications

## Typical properties

- Adhesive Type: Epoxy
- Container Size (Imperial): 1.25 fl oz, 5 gal
- Container Size (Metric): 18.93 L, 37 mL
- Cure Temperature: Room Temperature
- Factory ISO Certification: No ISO Certification information available
- Industries: Construction, General Industrial, Metalworking
- Product Form: Each
- Volume (Imperial): 15 gal
- Volume (Metric): 56.781 L
- eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Structural Adhesives Primer EC-3917

## Details

Spray, brush or roller application meets a variety of process requirements  
Corrosion inhibiting pigment provides protection inside the bondline  
Promotes long term durability to bonded joints  
Stable coating protects etched and anodized substrates for long term storage  
Provides a solvent resistant coating when cured at 250°F for durable protection  
Can be co-cured with adhesives at 250°F or 350°F to accommodate a variety of requirements

## Typical properties

Application: Corrosion Protection, Metal Bonding  
Chemical Base: Epoxy  
Composition: Solvent Based (Chromated)  
Cure Temperature: Elevated Temperature  
Density: 0.86 Gram per Liter  
Factory ISO Certification: No ISO Certification information available  
Percent Volatile: 89 % - 95 % by Weight  
Product Color: Yellow  
Product Type: Primer  
Surface Treatment: No  
Surface Type: Metal  
Volume (Imperial): 1 qt, 1 gal, 5 gal  
Volume (Metric): 0.95 L, 3.79 L, 18.93 L  
eClass 14 Classification Group: 23330504

# **3M™ Scotch-Weld™ Structural Adhesive Film AF 131-2, .075 wt, 40 in x 36 yds, 1 Roll/Case**

Part Number AF 131-2 3M Product Number AF 131-2 3M ID 7000000841

## **Details**

Adhesive can be cured at 350°F (175°C)  
Excellent elevated temperature performance  
High strength at 450°F (232°C)  
Glass cloth carrier  
Tan in color

## **Typical properties**

Adhesive Type: Epoxy  
Application: Bonding, Structural Bonding  
Brands: Scotch-Weld™  
Cure Rate: 1 hr  
Curing Temperature (Celsius): 177 °C  
Curing Temperature (Fahrenheit): 350 °F  
Factory ISO Certification: No ISO Certification information available  
Maximum Operating Temperature (Celsius): 232 °C  
Maximum Operating Temperature (Fahrenheit): 450 °F  
Minimum Operating Temperature (Celsius): -55 °C  
Minimum Operating Temperature (Fahrenheit): -67 °F  
Nominal Weight (Imperial): 0.075 lb/ft²  
Product Color: Tan  
Product Form: Roll  
Storage Environment: Freezer Storage  
Substrate: Metal  
eClass 14 Classification Group: 23330301

## **Dimensions and Classifications**

Overall Length (Imperial): 36 yd  
Overall Length (Metric): 33 m  
Overall Width (Imperial): 40 in  
Overall Width (Metric): 1016 mm

**3M™ Scotch-Weld™ Epoxy Adhesive EC-2214, Hi-Temperature NF  
Gray, 5.9 oz  
Cartridge, 6 Each/Case**

Part Number EC-2214 3M Product Number EC-2214 3M ID 7000058940

**Details**

New formulation has significantly improved reactivity for consistent results during cure cycle

High temperature formula provides negligible shrinkage and strong bond where higher strengths are required between 180-350° F (82-177° C)

Dense, aluminum filled formula is ideal for metal-to-metal bonding, exterior and structural applications

One-part formula requires no mixing

Smooth, high-density paste consistency is easy to dispense where precision bond lines are desired

**Typical properties**

Application: Composite Bonding, Metal Bonding

Brands: Scotch-Weld™

Container Size (Imperial): 5.96 Ounce

Container Size (Metric): 168.96 g

Factory ISO Certification: No ISO Certification information available

Product Color: Gray

eClass 14 Classification Group: 23330109



# **3M™ Two Component Adhesive Sealant Applicator 400A-2K**

## **Details**

Pneumatic applicator for use with 550FC + AC63 two component system  
Uses special 350mL 550FC sausage packs  
Uses 45mL AC63 sausage packs

## **Typical properties**

Brands: 3M™  
Product Form: Each  
Product Type: Applicator, Nozzle  
Smallest Saleable Unit: Each  
Units per Case: 36.0,1.0  
eClass 14 Classification Group: 21045111

## **PowerMax Dispenser HPS-4C2 Battery**

3M Product Number HPS-4C2 3M ID B10192127

### **Details**

Spare battery for dispenser gun PowerMax Dispenser HPS-4C2  
3M™ Fire Barrier Rated Foam FIP 1-Step expands up to 5 times to fill gaps  
Used to fill gaps in fire-rated construction around pipes, cables and other  
penetrants

# 3M™ Scotch-Weld™ PUR TS230, Gray, 55 Gallon (400 lb), Drum

3M Product Number TS230 3M ID 7100191940 UPC 00638060401910

## Details

**PROFESSIONAL-GRADE ADHESIVE:** Ideal for bonding a variety of materials including plastics, glass, ceramic, fabric, and metal

**HIGHLY VERSATILE:** Ideal for furniture, cabinetry, appliances, electronics, automotive interiors, and decorative glass/ceramics attachment

**FAST SET TIME:** Offers 4 minutes of working time for joining parts together, with a 2.5 minute set time

**MOISTURE-CURE URETHANE ADHESIVE:** This plasticizer-resistant formula combines the initial bond of a hot melt with the strength of a urethane adhesive

**CONVENIENT APPLICATION:** Can be sprayed or rolled onto surfaces

**ALL-IN-ONE SOLUTION:** One-component adhesive for easy application with no mixing or guesswork

One component adhesive for easy application with no mixing or guesswork

Can be sprayed or roll coated onto surfaces

Designed for use with the 3M™ Scotch-Weld™ PUR Applicator and unique disposable nozzles

## Typical properties

Brands: Scotch-Weld™

Container Size (Imperial): 55 Gal. (US)

Container Size (Metric): 208.2 Liter

Open Time: 4 min

Set Time: 4 min

eClass 14 Classification Group: 23330104

## 3M™ Hot Melt Applicator Accessories

### Details

- Offer added convenience
- Help optimize productivity
- Allow for hands-free operation
- May help reduce operator fatigue
- Increases load capacity
- Provides precise flow of adhesive

### Typical properties

- Brands: 3M™
- Equipment Type: Tech Kit Part
- Net Weight (Imperial): 4 oz, 7.1 oz, 80 oz
- Net Weight (Metric): 113.4 g, 199.6 g, 2268 g
- Product Type: Bench Mount, Pedal, Stand, Valve Kit, Valve/Tip
- Units per Case: 1.0

### Dimensions and Classifications

- Overall Height (Imperial): 1 in, 4 in, 4.7 in
- Overall Height (Metric): 2.03 cm, 2.54 cm, 11.94 cm
- Overall Length (Imperial): 1 in, 6 in, 11.5 in
- Overall Length (Metric): 4.06 cm, 15.24 cm, 29.21 cm
- Overall Width (Imperial): 4 in, 7 in
- Overall Width (

**3M™ Scotch-Weld™ Structural Adhesive Film AF 3113-5M, .030 wt, 36  
in x  
50 yds, 1 Roll/Case**

Part Number AF 3113-5M 3M Product Number AF 3113 3M ID 7000121269

**Details**

Excellent for surfacing graphite composites providing a smooth void free surface  
Bonds pre-cured graphite composites  
Co-cures and is compatible with most graphite epoxy composites  
Cure temperatures as low as 225°F (107°C)  
Excellent performance from -67°F (-55°C) to 300°F (149°C)  
Resistant to high moisture environments before and after curing

**Typical properties**

Adhesive Type: Epoxy  
Brands: Scotch-Weld™  
Curing Temperature (Celsius): 121 °C  
Curing Temperature (Fahrenheit): 250 °F  
Factory ISO Certification: No ISO Certification information available  
Maximum Operating Temperature (Celsius): 149 °C  
Maximum Operating Temperature (Fahrenheit): 300 °F  
Minimum Operating Temperature (Celsius): -55 °C  
Minimum Operating Temperature (Fahrenheit): -67 °F  
Product Color: Blue  
Product Form: Roll  
eClass 14 Classification Group: 23330301

**Dimensions and Classifications**

Overall Length (Imperial): 50 yd  
Overall Length (Metric): 45.7 m  
Overall Width (Imperial): 36 in  
Overall Width (Metric): 0.9 m

# Scotch® Advanced Formula Super Glue Gel AD122, .07 oz, 2-Pack

3M ID 70005055689 UPC 00051141231013

## Details

Advanced formula, no-run gel bonds quickly

Precision tip

Bonds to wood, metal, leather, ceramic, rubber, some plastics, and more

Convenient two-pack

## Typical properties

Brands: Scotch®

Container Size (Imperial): 0.07 Ounce

Container Size (Metric): 2.07 ml

Core Size (Imperial): 1 in

Factory ISO Certification: No ISO Certification information available

Product Color: Transparent

Product Type: Quick Fix

Sizes Available: 0.07 oz per tube

eClass 14 Classification Group: 23330105

# Scotch® Mega Purple Glue Stick 6108-MEGA, 1.4 oz

3M ID 70071482445 UPC 00051135808450

## Details

“More Glue than a 6-Pack”  
Applies Purple – Dries Clear  
Non-Toxic  
Great for paper based projects

## Typical properties

Brands: Scotch®  
Factory ISO Certification: No ISO Certification information available  
Net Weight (Imperial): 1.4 oz  
Net Weight (Metric): 40 g  
Product Color: Transparent  
Product Type: Glue Stick  
eClass 14 Classification Group: 23330113

## **3M™ Super Glue Gel 18008, .14 oz (4 g) 2-Pack**

3M ID 70005045169 UPC 00051141908861

### **Details**

No drip gel formula  
Ideal for vertical surfaces  
Sets in 15 seconds  
Convenient self piercing tube

### **Typical properties**

Factory ISO Certification: No ISO Certification information available  
Net Weight (Imperial): 0.14 oz  
Package Contents: 2 tubes  
Product Use: Bond Glass, Metal, Jewelry & other Lightweight Materials  
eClass 14 Classification Group: 23330105



# Scotch® Spray Mount™, 10.25oz, 6065

3M ID 70006845427 UPC 00021200300608

## Details

Repositionable on many surfaces  
For layouts, posters, presentations, graphic designers and more  
Non-wrinkling  
VOC <30% Formulation

## Typical properties

Acid Free: No  
Brands: Scotch®  
Container Size (Imperial): 10.25 Ounce  
Container Size (Metric): 300 ml  
Container Type: Can  
Factory ISO Certification: No ISO Certification information available  
Form: Aerosol  
Net Weight (Imperial): 10.25 oz  
Product Color: Transparent  
Product Type: Spraymount  
Surface Type: Fabric, Paper  
eClass 14 Classification Group: 23330115

## **Scotch® Wrinkle-Free Glue Sticks**

3M ID CBGNHW011001 UPC 00051141928586

### **Details**

Eliminates clumping and wrinkling on most papers  
Gives your project a quality, wrinkle-free appearance  
Photo safe - in accordance with ISO Standard 18916  
Acid free - Ph above 7.0, conforms to ASTM D-4236  
Non-toxic and washable

### **Typical properties**

Brands: Scotch®  
Factory ISO Certification: No ISO Certification information available  
Net Weight (Imperial): 0.27 oz  
Product Color: Transparent  
Product Type: Crafting  
Sizes Available: 0.27 oz  
eClass 14 Classification Group: 23330113

# Scotch® Advanced Formula Super Glue Liquid AD121, .07 oz, 2-Pack

3M ID 70005055671 UPC 00051141231006

## Details

Advanced formula, for fast bonding

Precision tip

Bonds to wood, metal, leather, ceramic, rubber, some plastics, and more

Convenient two-pack

## Typical properties

Brands: Scotch®

Container Size (Imperial): 0.07 Ounce

Container Size (Metric): 2.07 ml

Factory ISO Certification: No ISO Certification information available

Net Weight (Metric): 2 g

Product Type: Super Glues

Sizes Available: 0.07 oz per tube

eClass 14 Classification Group: 23330105

## **Scotch® Super Glue Gel in Precision Applicator, AD125, .14 oz (4 g)**

3M ID 70005171254 UPC 00051141940083

### **Details**

Patented adhesive control technology . . . for less mess than metal-tube super glue gels  
Ultimate precision - gel is controlled with easy-squeeze finger pads of dispenser  
Clog-resistant "stay fresh" bottle. Avoids dry-out, so you can use the bottle over and over again  
Advanced formula super glue, no-run gel  
Bonds quickly  
Bonds to wood, metal, ceramic, leather, rubber, vinyl, some plastics, and more

### **Typical properties**

Brands: Scotch®  
Container Size (Imperial): 0.14 Ounce  
Container Size (Metric): 4 g  
Factory ISO Certification: No ISO Certification information available  
Net Weight (Metric): 4 g  
Product Type: Super Glue Precision Dispensing  
Sizes Available: 0.14 oz  
eClass 14 Classification Group: 23330105

## **18090 3M(TM) Instant Set Epoxy, 1 oz (28.3 g)**

3M ID 70005045474 UPC 00051141909097

### **Details**

Automatically dispenses into equal parts  
Use indoor or outdoor  
Sets in 60 seconds

### **Typical properties**

Brands: 3M™  
Factory ISO Certification: No ISO Certification information available  
eClass 14 Classification Group: 23330105

## Scotch® Maximum Strength Adhesive

3M ID CBGNHW011002 UPC 00051131647794

### Details

Durable adhesive that works on a wide variety of surfaces  
Outstanding for fabrics and wood . . . also good for ceramics, china, leather, tile,  
brick, paper, some plastics, and other surfaces  
Comes with a pointed tip for precise application  
Clear and highly versatile

### Typical properties

Brands: Scotch®  
Container Size (Imperial): 0.33 Ounce, 1 Ounce  
Container Size (Metric): 9.7 ml, 29.5 ml  
Factory ISO Certification: No ISO Certification information available  
Net Weight (Imperial): 0.33 oz, 1 oz  
Product Type: Maximum Strength, Quick Fix  
Sizes Available: 1 oz,0.33 oz  
eClass 14 Classification Group: 23330113,23330105

# **019 SCOTCH® SCRAPBOOKER'S GLUE WITH 2-WAY APPLICATOR, 48/CASE**

3M ID 70071222957 UPC 00051131845794

## **Details**

Precise application  
Contains precision tip and sponge tip  
Photo safe - in accordance with ISO Standard 18916  
Designed for paper and photos

## **Typical properties**

Acid Free: No  
Brands: Scotch®  
Factory ISO Certification: No ISO Certification information available  
Net Weight (Imperial): 1.6 oz  
Photo Safe: Yes  
Product Type: Quick Fix  
eClass 14 Classification Group: 23330113

## Scotch® Super Glue Liquid, Tubes

3M ID CBGNHW011109 UPC 00051141903354

### Details

Fast-drying liquid formula

Fine tip

Bonds to wood, metal, leather, ceramic, rubber, some plastics, and more

Economical one-pack

### Typical properties

Acid Free: Yes

Brands: Scotch®

Container Size (Imperial): 0.07 Ounce

Container Size (Metric): 2.07 ml

Factory ISO Certification: No ISO Certification information available

Net Weight (Imperial): 0.07 oz

Net Weight (Metric): 2 g

Product Color: Transparent

Product Type: Quick Fix

eClass 14 Classification Group: 23330105



## Scotch® Photo Mount™ Adhesive

3M ID CBGNHW011124 UPC 00021200300707

### Details

Safe for color photos, illustrations and pictures  
Clear, permanent bond  
Photo safe in accordance with ISO Standard 18916  
Conforms to ASTM D-4236  
Mounting Surfaces include good quality cardstock board, plastic, glass, clean metal, and foam core(smooth surface)  
Not suitable for outdoor use

### Typical properties

Brands: Scotch®  
Container Size (Imperial): 10.3 Ounce  
Container Size (Metric): 300 ml  
Container Type: Can  
Factory ISO Certification: No ISO Certification information available  
Form: Aerosol  
Net Weight (Imperial): 4.23 oz, 10.3 oz  
Net Weight (Metric): 119 g  
Product Color: Transparent  
Product Type: Quick Fix  
Reusable or Refillable Product: No  
eClass 14 Classification Group: 23330115

## **3M™ Quick Set Epoxy Adhesive 18091, 1 oz (28.3 g)**

3M ID 70005045482 UPC 00051141909103

### **Details**

Automatically dispenses into equal parts  
Use indoor or outdoor  
Sets in 5 minutes

### **Typical properties**

Brands: 3M™  
Factory ISO Certification: No ISO Certification information available  
eClass 14 Classification Group: 23330105

## **3M™ MSP Seam Sealer**

### **Details**

**VERSATILE APPLICATION:** Designed to work for both interior and exterior auto body joints

**NO MIXING REQUIRED:** One-part formula is ready to use without any mixing

**HIGH ADHESION:** Strong adhesion bonds to a variety of surfaces

**PAINTABLE:** Designed to be tack free in 30 minutes and immediately paintable

**HEAVY-BODY FORMULA:** Non-sagging for clean, efficient tooling in vertical and horizontal seams

### **Typical properties**

Adhesive Type: Modified Silane Polymer

Application: Joint Filling, Sealing

Case Quantity: 6.0 Kits per Case

Consistency: Paste

Container Size (Imperial): 10.4 fl oz (US)

Container Size (Metric): 310 ml

Container Type: Flex-pack

Cure Time: 24 hr

Full Cure Time: 1/8 in per 24 Hours, 24 hr

Paint Time: 0 Minute

Product Color: Gray, White

Shelf Life in Months (From Date of Manufacture): 12

Surface Type: Painted Surface

Tack-free Time: 25 min - 40 min, 30 min

Work Time: 5 - 10 min (varies with heat, humidity)

eClass 14 Classification Group: 23330106

# 3M™ Platinum™ Plus Filler

## Details

Contains an adhesion promoter for excellent grip on many surfaces  
The advanced formula is recommended for use with galvanized steel and aluminum  
Super creamy formula spreads easily for quick applications  
Vacuum processed and pinhole free for ultimate in purity and quality  
Fast curing to allow sanding in a little as 15 to 20 minutes

## Typical properties

Application: Applying Body Filler, Dent Fill, Dent Finish, Marine Dent Fill, Small Dent Repair, Surface Preparation for Painting  
Case Quantity: 6.0 Bags per Case, 4.0 Cans per Case, 1.0 Bags per Case  
Consistency: Paste  
Container Size (Imperial): 1 Gallon, 3 Gallon, 9.33 fl oz (US)  
Container Size (Metric): 3.78 Liter, 11.356 Liter, 276 ml  
Container Type: Can, Cartridge, Pail  
Container Volume: 9.3 fl oz (US), 102.0 fl oz (US), 282.0 fl oz (US)  
Dry Time: 20 min  
Handling Time: 3 - 5 min, 4 min  
Material: Polyester Resin  
Paint Time: 45 Minute  
Performance Level: Best  
Product Color: Gold  
Product Form: Paste  
Product Type: Premium Body Filler  
Sand Time: 20 Minute  
Volume (Imperial): 2.2 gal, 9.3 fl oz, 102 fl oz  
Volume (Metric): 3 L, 8.38 L, 276 mL  
Weight (Metric): 3785.41 g  
Work Time: 4 min, 5 min  
eClass 14 Classification Group: 22170700

# **Bondo® All-Purpose White Cream Hardener**

3M ID B40067599

## **Details**

Formulated and packaged under controlled conditions to ensure consistent performance

Easy mixing produces a quicker hardener and filler blend

For use with all fillers, putties and glazes

Formulated exclusively for use with 3M™ Bondo® fillers

Use during the Fill stage of the 3M™ Body Repair System

Ideal for repairing vertical surfaces such as doors, walls and siding

Designed for interior and exterior projects

Easy-to-mix consistency ensures perfect results

Non-Shrinking, and water resistant

When Filler and Hardener are mixed, it will feature a light gray color once cured

## **Typical properties**

Brands: Bondo®

Container Size (Imperial): 2.75 Ounce

Form: Cream

Product Color: White

eClass 14 Classification Group: 22170700

# Bondo® Fast Dry Filler

3M ID B40065522 UPC 00076308424589

## Details

PREMIUM FORMULA for repairing dents, dings, and scratches around your home or on your car faster and easier  
INTERIOR OR EXTERIOR use  
HIGH-ADHESION FILLER works on metal, aluminum, masonry, concrete, and more  
FASTEST DRYING Bondo® filler cures to hard-to-stick-to surfaces in 15 minutes for fast and quick repairs  
NON-SHRINKING formula is permanently durable  
SPREADS AND SANDS easier than other Bondo® fillers for a consistent, smooth, and professional finish  
HIGH BOND WITH EXCELLENT ADHESION to hard-to-stick-to surfaces with excellent vertical hang  
TWO-PART FORMULA chemically bonds and adheres faster to hard-to-stick-to surfaces like galvanized steel  
SANDABLE in 15 minutes for same day repairs  
PAINTABLE FORMULA is compatible with most paints and paint systems  
SMOOTH AND TACK-FREE professional finish  
BONDO® BLUE CREAM Hardener included  
MIXES LIGHT BLUE when hardener and filler are mixed thoroughly and ready to use  
WORKABLE for 3-4 minutes once filler and hardener are mixed together  
TOP COAT with Bondo® Glazing and Spot Putty is recommended to fill pin holes and small imperfections for a smooth finish

## Typical properties

Brands: Bondo®  
Container Size (Imperial): 1 Gallon, 1 Pint, 1 Quart  
Container Size (Metric): 3.785 Liter, 473.176 ml, 946.353 ml  
eClass 14 Classification Group: 22170700

## **Bondo® Spreader, 00357, 3 per pack**

3M ID 60455056360 UPC 00076308003579

### **Details**

Designed specifically for spreading filler, putty, spackle, caulk or glaze  
Three sizes in each pack virtually assures the right size spreader for the job  
Plastic construction is flexible for easy use, especially on curved surfaces  
Thin, clean edge improves control for smooth application  
Reusable spreaders are easily cleaned with acetone to save time and money

### **Typical properties**

Brands: Bondo®  
Case Quantity: 12.0 Packs per Case  
Factory ISO Certification: No ISO Certification information available  
Product Color: Salmon  
Product Type: Applicator

### **Dimensions and Classifications**

Overall Length (Imperial): 4.43 in  
Overall Length (Metric): 112.522 mm

# **Mar-Hyde™ Wet Look Hardener**

3M ID B40067605

## **Details**

Super high-gloss finish

High solids hardener provides durability for exterior protection

Converts acrylic enamel to urethane

Dries quickly to produce a more chemically resistant finish than conventional acrylic enamel

Helps reduce dulling and fading over time

## **Typical properties**

eClass 14 Classification Group: 22170700



## 3M™ Fastbond™ Foam Adhesive 100NF, Neutral

### Details

**SPECIAL FORMULATION:** Utilizes a water-dispersed formula that is non-flammable in its liquid state

**FAST GRAB:** Offers quick initial tack in high-peel applications

**APPLY YOUR WAY:** Offers an easily-dispensed pebble pattern when sprayed and the freedom to apply using a brush or roller when not sprayed

**VERSATILE BONDING:** Creates a medium-tack bond that delivers industrial strength when bonding foam to plastic, metal, wood, and more

**RECOGNIZED WORLDWIDE:** This formula is a staple in the 3M adhesive portfolio, demonstrating reliable bonding across a wide range of industries and application needs

**MINIMIZED IMPACT:** CARB compliant, helps contribute to LEED® credits, and certified to the GREENGUARD™ Product Emission Standard For Children and Schools for low emitting interior building material

**NEUTRAL:** This product is a neutral color variation of the 3M™ Fastbond™ Foam Adhesive 100NF formula

### Typical properties

Adhesive Type: Ethylene Vinyl Acetate

Application: Insulation Attachment, Large Surface Lamination Assembly, Upholstery & Seating Attachment

Application Method: Spray

Assembly Type: Large Surface Lamination

Brands: Fastbond™

Container Size (Imperial): 5 Gallon, 55 Gallon, 270 Gallon

Container Size (Metric): 18.9 Liter, 208.2 Liter, 1022 Liter

Environmental Considerations: California Air Resources Board, GREENGUARD® Certified, Helps contribute to LEED® credits, Low VOC, Ozone Transport Commission, SCAQMD

Flame Retardant: Non-flammable

Heat Resistance: <230 Degree Fahrenheit

Heat Resistance (Celsius): <110 °C

Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, Military & Government, Packaging, Retail, Signage, Specialty Vehicle, Transportation, Woodworking

Open Time: Up to 20 min

Physical Form: Very thin liquid

Product Color: Neutral

Product Form: Bulk, Gallon

Solids Weight Percent (Approximate): >=43.8 %

Surface Type: Polyurethane Foam, Wood

Units per Case: 1.0

eClass 14 Classification Group: 23330102

# 3M™ Polyurethane Construction Sealant 525

## Details

Multi-purpose bonding and long lasting seals  
Permanently elastic to allow joint movement  
Creates flexible seals on expansion joints  
Skin time in 90-150 minutes; paintable once skin forms

## Typical properties

Adhesive Type: Polyurethane  
Application Method: Hand or pressure caulk  
Brands: 3M™  
Case Quantity: 12.0 Bags per Case  
Container Size (Imperial): 20.288 fl oz (US), 50 Gal. (US)  
Container Size (Metric): 310 ml, 600 ml  
Full Cure Time: >3 mm/24 hr  
Hardness: 25 Shore A  
Industries: Construction, General Industrial  
Modulus at 100%: 75 Pound-Force Per Square Inch  
Permeability: Permeable  
Physical Form: Medium paste  
Product Color: Gray  
Product Form: Cartridge, Gallon, Sausage  
Product Type: Flashing Accessory  
Solids Weight Percent (Approximate): 90 %  
Tack-free Time: 90 min  
Tensile Strength (Imperial): 400 psi  
Units per Case: 1.0,12.0  
Volume (Imperial): 50 fl oz  
eClass 14 Classification Group: 23330106

# 3M™ Scotch-Weld™ Epoxy Adhesive DP100NS

## Details

Adhesive formula cures rigid for high static load holding  
High shear ensures permanent bonds  
Fast 5 minute work life with handling strength in about 15 minutes at room temperature  
Non-sag formulation ensures adhesive stays where applied

## Typical properties

Adhesive Type: Epoxy  
Application: Bonding, Encapsulating, Potting, Sealing  
Brands: Scotch-Weld™  
Container Size (Imperial): 1.64 fl oz, 6.76 fl oz  
Container Size (Metric): 48.5 mL, 200 mL  
Full Cure Time: 48 hr  
Hardness: 80 - 85 Shore D  
Industries: Construction, Consumer Goods, Electronics, General Industrial, MRO, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Open Time: 5 min @ 72 °F (22 °C)  
Performance Level: Best  
Physical Form: Flowable Liquid  
Product Form: Cartridge  
Set Time: 20 min  
Shear Strength: 1500 psi  
Specific Gravity: 1.65  
Specifications Met: UL 94 HB  
Storage Temperature (Celsius): 16°C - 27°C  
Storage Temperature (Fahrenheit): 60 °F - 80 °F  
Surface Type: Smooth, Unpainted  
Units per Case: 12.0  
Volume (Imperial): 1.71 fl oz, 6.76 fl oz  
Volume (Metric): 48.5 mL, 200 mL  
Work Life: 5 min  
eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Epoxy Adhesive 2290

## Details

Offers exceptionally high shear and peel strength  
Solvent based low viscosity coating formulation  
Dries to a tack-free film which allows bonds to be made up to 3 months later for B-staging and multi-stage processes  
Excellent wetting during cure requires only coating a single surface  
Heat press during cure recommended for lamination use

## Typical properties

Adhesive Type: Epoxy  
Brands: Scotch-Weld™  
Container Size (Imperial): 1 Gallon, 5 Gallon, 55 Gallon  
Container Size (Metric): 3.8 Liter, 18.93 Liter, 208.2 Liter  
Flame Retardant: UL94 HB  
Full Cure Time: 30 - 60 min @ 350 °F (177 °C) @ 75 psi  
Indoor/Outdoor: Both  
Industries: Construction, Consumer Goods, Electronics, General Industrial, Military & Government, Specialty Vehicle, Transportation  
Physical Form: Liquid  
Product Color: Amber  
Product Form: Gallon  
Product Type: Epoxy Adhesive  
Shear Strength: 5000 psi  
Solids Weight Percent (Approximate): 19.5 % - 23 %  
Specific Gravity: 1.2 in dried state  
Storage Temperature (Celsius): 22.0 °C  
Storage Temperature (Fahrenheit): 72.0 °F  
Units per Case: 1.0,4.0  
Viscosity: Self-leveling  
Viscosity Range (cps) at Room Temperature: 40-80  
Volume (Imperial): 1 gal, 5 gal, 55 gal  
Volume (Metric): 19 L, 250.03 L  
eClass 14 Classification Group: 23330109

## **3M™ General Purpose Adhesive 60 CA**

### **Details**

Economical adhesive offers a reliable hold  
Formulated with exceptionally high solids to provide high coverage at extra value  
Offers good performance on textured substrates  
Fast-tack adhesive for immediate handling  
Available in cylinders and bulk containers for stationary or portable work

### **Typical properties**

Application: Protection - Sheet Waterproofing  
Application Method: Spray  
Brands: 3M™  
Container Size (Imperial): 27.2 lb., 129.2 lb.  
Container Size (Metric): 12.3 kg, 58.6 kg  
Environmental Considerations: California Air Resources Board, Helps contribute to LEED® credits, Low VOC, Ozone Transport Commission, SCAQMD  
Flame Retardant: Flammable  
Form: Liquid  
Heat Resistance: <170 Degree Fahrenheit  
Heat Resistance (Celsius): <77 °C  
Industries: Construction, Consumer Goods, Furniture, Specialty Vehicle, Transportation  
Open Time: 1 - 60 min  
Product Color: Transparent  
Product Form: Cylinder  
Solids Weight Percent (Approximate): 43 %  
Spray Pattern: Lace  
Units per Case: 1.0  
eClass 14 Classification Group: 23330115

## **3M™ Hot Melt Adhesive 3748**

### **Details**

High temperature performance and thermal shock resistance  
Formulated for bonding low surface energy plastics and coatings to dissimilar materials  
High peel delivers long-term strength and durability

### **Typical properties**

Adhesive Type: Polypropylene  
Application: Fastening Headliner & Ceiling Systems, Sealing, Potting and Encapsulating, Small Joint Assembly, Wiring Harness Attachment  
Application Method: Applicator, Bulk Process, Handheld Process, Spray  
Assembly Type: Mounting & Trim Attachment, Small Joint Assembly  
Brands: 3M™  
Case Quantity: 11.0 Bags per Case  
Container Size (Imperial): 11 lb., 22 lb., 850 lb.  
Container Size (Metric): 5 kg, 10 kg, 385.55 kg  
Form: Flowable Liquid  
Heat Resistance: 175 Degree Fahrenheit  
Heat Resistance (Celsius): 79 °C  
Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, Military & Government, Packaging, Retail, Signage, Specialty Vehicle, Transportation, Woodworking  
Maximum Operating Temperature (Fahrenheit): 175 °F  
Open Time: 50 Seconds  
Product Color: Black, Off-white, White  
Product Form: Pound, Stick  
Shear Strength: 250 psi  
Smallest Saleable Unit: Case, Each  
Solids Weight Percent (Approximate): 100 %  
Surface Type: Plastic, Wood  
Temperature Setting for EC Heat Gun: 4  
Units per Case: 1.0  
eClass 14 Classification Group: 23330104

### **Dimensions and Classifications**

Overall Length (Imperial): 2 in, 3 in, 8 in  
Overall Length (Metric): 0.05 m, 0.07 m, 0.2 m, 0.2 cm  
Overall Width (Imperial): 0.62 in, 1 in  
Overall Width (Metric): 15.9 mm, 25.4 mm

## **3M™ Scotch-Weld™ Instant Adhesive Primer AC77**

### **Details**

Improves adhesion on rigid plastics, including low surface energy materials  
Fast drying to keep jobs moving quickly  
Contains cure accelerator  
Straightforward surface preparation and easy application

### **Typical properties**

Application: Structural Glazing  
Brands: Scotch-Weld™  
Clean-up: Heptane  
Industries: Construction, Consumer Goods, Electronics, General Industrial, MRO, Medical, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Physical Form: Liquid  
Product Color: Transparent  
Product Form: Bottle  
Product Type: Primer  
Storage Temperature (Celsius): 22°C  
Storage Temperature (Fahrenheit): 72 Degree Fahrenheit  
Units per Case: 10.0  
Viscosity: Self-leveling  
Volume (Imperial): 1 gal, 2 fl oz  
Volume (Metric): 3.79 L, 59.1 mL  
eClass 14 Classification Group: 23330504

# 3M™ Nitrile High Performance Rubber and Gasket Adhesive 847

## Details

FOR INDUSTRIAL USE ONLY: This product is designed exclusively for industrial applications

HIGH-PERFORMANCE ADHESION: Intended to bond gaskets

HIGH-STRENGTH: Provides strong bonds with 15 minutes of working time

WORKS WITH MANY MATERIALS: Adheres neoprene, nitrile rubber (BUNA), SBR, and butyl rubbers to metal, wood, and numerous plastics

MADE FOR CHALLENGING CONDITIONS: Delivers excellent moisture and heat resistance, performing up to 250 °F (121 °C)

TEMPERATURE-ACTIVATED BENEFITS: Optional heat curing increases bond strength

## Typical properties

Application: Interior Gasket & Seal Attachment, Large Surface Lamination Assembly, Metal Bonding, Rubber Bonding

Application Method: Brush, Flow

Assembly Type: Large Surface Lamination

Brands: 3M™

Container Size (Imperial): 1 Quart, 1 Gallon, 5 Gallon, 5 Ounce, 55 Gal. (US)

Container Size (Metric): 1 Liter, 3.8 Liter, 18.93 Liter, 150 ml, 208.2 Liter

Flame Retardant: Flammable

Form: Liquid, Paste

Heat Resistance: <230 Degree Fahrenheit

Industries: Consumer Goods, Furniture, General Industrial, MRO, Military & Government, Specialty Vehicle, Transportation, Woodworking

Open Time: Up to 10 min

Physical Form: Medium liquid

Product Color: Brown

Product Form: Bulk, Tube

Product Type: Adhesive

Solids Weight Percent (Approximate): 33 % - 39 %

Surface Type: Leather, Metal, Nitrile Rubber, Plastic, Plastic Laminate

Units per Case: 36.0,1.0,12.0,4.0

eClass 14 Classification Group: 23330115



## 3M™ Scotch-Weld™ PUR Adhesive TE040 Off-White

### Details

Fast 40 seconds set time for fast-paced processes and productivity  
Impact resistant professional grade adhesive for bonding a variety of materials, including wood, plastics, glass and metal  
Creates high-strength bonds that are plasticizer resistant  
This product is off-white  
120 seconds open time for joining parts together  
One component adhesive for easy application with no mixing or guesswork  
Bonds to polyethylene and polypropylene with slight surface modification

### Typical properties

Adhesive Type: Polyurethane Reactive (PUR)  
Application Method: Extruded from hand held or bench mounted applicators, It is dispensed with bulk application equipment  
Assembly Type: Mounting & Trim Attachment, Small Joint Assembly  
Brands: Scotch-Weld™  
Container Size (Imperial): 0.1 Gallon, 4.4 lb., 5 Gal. (US), 55 Gal. (US)  
Container Size (Metric): 2 kg, 18.9 Liter, 208.2 Liter, 310 ml  
Design Challenges: Impact & Shock Absorption  
Full Cure Time: 24 hr  
Hardness: 35 Shore D  
Indoor/Outdoor: Both  
Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, Metalworking, Military & Government, Retail, Signage, Specialty Vehicle, Transportation, Woodworking  
Open Time: 2 min  
Physical Form: Liquid  
Product Color: Black, Off-white, White  
Product Form: Bag, Gallon, Pound  
Set Time: 31 to 60 Second  
Smallest Saleable Unit: Each  
Solids Weight Percent (Approximate): 100 %  
Storage Temperature (Celsius): 16 to 27 °C  
Storage Temperature (Fahrenheit): 60 °F - 80 °F (16 °C - 27 °C), 60 to 80 Degree Fahrenheit  
Units per Case: 1.0, 5.0, 6.0  
Viscosity: Self-leveling  
Work Time: 2 min  
eClass 14 Classification Group: 23330104

# 3M™ Scotch-Weld™ Surface Insensitive Instant Adhesive SI Gel

## Details

Bonds to a number of substrates, including acidic substrates, such as wood, cardboard, veneer, fabric, cork, paper and leather  
Precise application: pinch container for a precise drop or squeeze for a steady bead  
Gel viscosity adhesive is easily applied from the bottle  
Strong, durable and long lasting bond on a variety of substrates  
Fast curing to keep projects moving quickly

## Typical properties

Adhesive Type: Cyanoacrylate, Instant Adhesive  
Brands: Scotch-Weld™  
Container Size (Imperial): 0.7 Ounce, 10.6 Ounce  
Container Size (Metric): 20 g, 300 g  
For Use On: Plastic: HSE, MSE (ABS, Acrylic, Polycarbonate, Nylon), Plastic: LSE (Polypropylene, Polyethylene), Wood, Elastomer, Glass, Ceramic, Rubber, Stone, Metal (Painted)  
Full Cure Time: 24 Hours @ 72 F (22 C)  
Gap Fill (Imperial): 0.02 in  
Gap Fill (Metric): 0.508 mm  
Indoor/Outdoor: Both  
Industries: Construction, Consumer Goods, Electronics, General Industrial, MRO, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Maximum Operating Temperature (Celsius): 82 °C  
Maximum Operating Temperature (Fahrenheit): 180 °F  
Net Weight (Imperial): 0.71 oz  
Net Weight (Metric): 20 g  
Physical Form: Liquid  
Product Color: Transparent  
Product Form: Cartridge, Tube  
Set Time: 30-60 Seconds  
Shear Strength: 2510 psi, 2900 psi  
Storage Temperature (Celsius): 16 to 27 °C  
Storage Temperature (Fahrenheit): 60 to 80 Degrees Fahrenheit  
Units per Case: 12.0, 10.0  
Viscosity: Non-sag  
Viscosity Range (cps) at Room Temperature: Gel  
Work Time: 6-23 Seconds  
eClass 14 Classification Group: 23330105

# 3M™ Scotch-Weld™ Urethane Adhesive DP601

## Details

Low viscosity formulation  
Dispenses with a Duo-Pak cartridge system  
Cures extremely quickly  
Bonds to many plastics, wood, composites, concrete and metal

## Typical properties

Brands: Scotch-Weld™  
Container Size (Imperial): 1.64 fl oz, 55 gal  
Container Size (Metric): 48.5 mL, 208.2 L  
Hardness: 70 Shore D  
Industries: Construction, General Industrial, MRO  
Open Time: 60 seconds @ 72 F (22 C)  
Physical Form: Flowable Liquid  
Set Time: 4 min  
Specific Gravity: 1.1  
Units per Case: 1.0,12.0  
Volume (Imperial): 50 gal  
Volume (Metric): 189.3 L  
eClass 14 Classification Group: 23330109

## **3M™ Plastic Contour Sheet, 04903, 5 in x 12 ft Roll, 6 per case**

3M ID 7000121598 UPC 00051131049031

### **Details**

Used to apply fast curing repair adhesives to small or oddly shaped automotive parts  
Prevents air entrapment when adhesive is condensed and contoured into the repair area  
Prevents adhesives from spreading or dripping and making unnecessary messes  
Easily removes from cured adhesives to create smooth repair surfaces  
Can be cut to fit any part in need of adhesive repairs  
Great to use with 3M™ Superfast Adhesive or for Plastic Repair Processes

### **Typical properties**

Application: Plastic Repair  
Brands: 3M™  
Case Quantity: 6.0 Rolls per Case  
Product Type: Contour Sheet  
eClass 14 Classification Group: 23330000

### **Dimensions and Classifications**

Overall Length (Imperial): 12 ft  
Overall Width (Imperial): 5 in  
Overall Width (Metric): 12.7 cm

# 3M™ Black Super Silicone Seal

3M ID B40066966

## Details

One component RTV (Room Temperature Vulcanizing) , rapid-curing adhesive/sealant formulated to solve repair and maintenance problems  
Cures to a tough, rubbery solid when exposed to moisture in the air  
Adheres to clean metal, glass, wood, ceramic, natural and synthetic fiber, painted surfaces, and some plastics  
Excellent resistance to weathering, vibration, moisture, ozone, and extreme temperatures  
Excellent general purpose sealant  
NOTE: May cause crazing or hazing on optically clear plastics. May cause softening or weakening of plastic parts. Will cause accelerated rusting (oxidation) on bare metal surfaces. Test for compatibility with materials being repaired to determine whether product is suitable for use and method of application

## Typical properties

Application: Sealing, Seam and Joint Sealing  
eClass 14 Classification Group: 30140102

# **3M™ Ultrapro™ High Temp Black Silicone Gasket**

3M ID B40069340

## **Details**

Flexible RTV sealant/adhesive compound saves material costs vs. hard or custom gaskets

Non-corrosive and resistant to water, oil and coolant for long-lasting performance

Can be used as a gasket dressing to improve adhesion and seal

Can be used as a gasket alternative when the original gasket is unavailable

Oxygen sensor safe

## **3M™ Polyolefin Adhesion Promoter, 05907, 12 oz Net Wt, 6 per case**

3M ID 7100198814 UPC 00051131059078

### **Details**

Adhesion Promoter 05907 is compatible with all 3M Flexible, Semi-Rigid and TPO Repair products

Provides enhanced adhesion of 3M Adhesives to TPO-type substrates

Aerosol dispenser ensures easy application

Provides stronger adhesion to deliver excellent featheredge results

Provides stronger adhesion to deliver excellent featheredge results

### **Typical properties**

Application: Activator, Adhesion Promotion, Adhesion improvement, Plastic Repair

Brands: 3M™

Case Quantity: 6.0 Cans per Case

Consistency: Liquid

Container Type: Tube

Cure Time: 5 min - 10 min

Net Weight (Imperial): 12 oz

Net Weight (Metric): 340 g

Product Color: Transparent

Product Type: Adhesion Promoter

Shelf Life in Months (From Date of Manufacture): 36

Volume (Imperial): 12 fl oz

Volume (Metric): 354.88 mL

eClass 14 Classification Group: 23330504

# **Bondo® Body Filler**

3M ID B40071783 UPC 00076308002626

## **Details**

ALL PURPOSE SOLUTION for repairing dents, dings, and scratches in your home or on your car  
INTERIOR OR EXTERIOR USE  
MULTI-SURFACE USE on metal, aluminum, masonry, concrete, and more  
EASY-TO-USE filler mixes and spreads smoothly  
NON-SHRINKING formula is permanently durable  
TWO-PART FORMULA chemically bonds with surface to adhere permanently  
FAST-CURING FORMULA is sandable in 20 minutes for same-day repairs  
PAINTABLE FORMULA is compatible with most paints and paint systems  
BONDO® BLUE CREAM Hardener included  
MIXES LIGHT BLUE when hardener and filler are mixed thoroughly and ready to use  
WORKABLE for 3-4 minutes once filler and hardener are mixed together  
TOP COAT of Bondo® Glazing and Spot Putty is recommended to fill pin holes and small imperfections for a smooth finish  
FILL STAGE of 3M™ Body Repair System

## **Typical properties**

Brands: Bondo®  
Container Size (Imperial): 1 Quart, 1 Pint, 1 Gallon  
Container Size (Metric): 3.785 Liter, 473.176 ml, 946.353 ml  
eClass 14 Classification Group: 22170700



## **Bondo® Long Strand Fiberglass Reinforced Filler LS-QT-ES, 32 oz (2 lb), 6 per case**

3M ID 70009157564 UPC 00076308007621

### **Details**

IDEAL FOR LARGE HOLE REPAIR, rust out areas, rebuilding missing pieces, shattered fiberglass, and more  
INTERIOR OR EXTERIOR use  
VERSATILE FILLER works with fiberglass, metal and wood  
FILL LARGE HOLES up to 1-inch wide and rebuild missing pieces without the need for backing strips, fiberglass cloth, or mat  
ADDITIONAL STRENGTH vs. Bondo® Original Filler due to long strand of chopped fiberglass reinforced formula  
WATERPROOF AND NON-SHRINKING formula works on cars and boats  
FAST CURING formula is sandable in 30 minutes for quick repairs  
TWO-PART FORMULA chemically bonds and adheres faster to hard-to-stick-to surfaces  
PAINTABLE FORMULA is compatible with most paints and paint systems  
BONDO® BLUE CREAM Hardener included  
MIXES DARK GREEN when filler and hardener are mixed together  
WORKABLE for 3-4 minutes once filler and hardener are mixed together  
FINISH PROJECT with a layer of Bondo® Original Filler or Bondo® Fast Dry Filler for a smooth, professional finish  
TOP COAT of Bondo® Glazing and Spot Putty is recommended to fill pin holes and small imperfections for a smooth finish  
FILL STAGE of 3M™ Body Repair System

### **Typical properties**

Brands: Bondo®  
Container Size (Imperial): 1 Quart  
Container Size (Metric): 946.353 ml  
eClass 14 Classification Group: 22170700

# **3M™ MSP Sprayable Seam Sealer, 08374, Gray, 10.5 FL OZ Cartridge, 6 per case**

Part Number 08374 3M ID 7000148239 UPC 00051135083741

## **Details**

**EASY TO USE:** Single-component, moisture-curing sealer offers convenience and quality

**IDEAL FOR AUTO BODY:** Formulated for automotive body joints

**VERSATILE APPLICATION:** Made to be either caulked or sprayed

**HIGH ADHESION:** Excellent adhesion works well with primed surfaces

**IMMEDIATELY PAINTABLE:** Fast curing allows for immediate painting

## **Typical properties**

Adhesive Type: Modified Silane Polymer

Application: Joint Filling

Brands: 3M™

Case Quantity: 6.0 Cartridges per Case

Consistency: Liquid

Container Size (Imperial): 10.4 fl oz (US)

Container Size (Metric): 310 ml

Container Type: Cartridge

Cure Time: 24 hr

Paint Time: 0 Minute

Product Color: Gray

Shelf Life in Months (From Date of Manufacture): 12

Work Time: 5 - 10 min (varies with heat, humidity)

eClass 14 Classification Group: 23330106

## **3M™ Rigid Pillar Foam, 08458, 200 mL Cartridge, 6 per case**

Part Number 08458 3M ID 7100004037 UPC 00051135084588

### **Details**

A high-performance, two-component rigid urethane closed-cell foam offers delayed reaction time  
Foam fills posts, pillars, and other automotive body cavities to prevent panel flutter or provide rigidity  
Expanding properties of foam fill hard-to-reach cavities  
Foam replicates appearance and performance of many OEM products  
Easy to apply with 3M™ Automix™ Applicator Gun

### **Typical properties**

Adhesive Type: Two-Part Urethane  
Application: Door Hem Flanges, Door Skins, Floor Pans, General Purpose, Rear Body Panels, Voids and Gaps  
Brands: 3M™  
Case Quantity: 6.0 per Case  
Consistency: Liquid  
Container Size (Imperial): 6.7628 fl oz (US)  
Container Size (Metric): 200 ml  
Container Type: Cartridge  
Cure Time: 1 hr  
Material: Urethane  
Paint Time: 1 Hour  
Product Color: Yellow  
Product Type: Rigid Foam Filler  
Volume (Imperial): 6.7628 fl oz  
Volume (Metric): 200 mL  
Work Time: 1 min  
eClass 14 Classification Group: 22170700

# 3M™ Hi-Strength 90 Spray Adhesive

## Details

FOR INDUSTRIAL USE ONLY: This product is designed exclusively for industrial applications

GO-TO SOLUTION: A high-strength, fast, contact-type adhesive

SPECIAL DISPENSING: Comes with a variable-width web spray pattern

A RESILIENT OPTION: Offers high-temperature and moisture resistance

MADE FOR PROFESSIONALS: Provides industrial-strength bonding for demanding applications

CREATED FOR A VARIETY OF SUBSTRATES: Bonds laminate, wood, concrete, metal, plastic, and more

## Typical properties

Application: Adhering Floor Coverings, Edge Band Wood Panel Bonding, Fastening Headliner & Ceiling Systems, Gasket Assembly, Insulation

Attachment, Large Surface Lamination Assembly

Application Method: Inverted Spray, Spray

Assembly Type: Gasket Attachment

Brands: 3M™

Case Quantity: 12.0 Bags per Case

Container Size (Imperial): 16 fl oz (US), 24 fl oz (US)

Container Size (Metric): 473 ml, 710 ml

Environmental Considerations: Helps contribute to LEED® credits

Flame Retardant: Flammable

Form: Aerosol

Industries: Appliance, Construction, Consumer Goods, Electronics, Furniture, General Industrial, MRO, Metalworking, Military, Signage, Specialty Vehicle,

Transportation, Woodworking

Open Time: 1 min - 10 min

Product Color: Transparent

Product Form: Aerosol

Solids Weight Percent (Approximate): 13 %

Spray Pattern: Variable Lace

Surface Type: Wood

Units per Case: 12.0

eClass 14 Classification Group: 23330115

## **3M™ Polyurethane Multi-Purpose Adhesive 5010**

### **Details**

High strength, fast curing adhesive that provides a lasting bond without long curing times

One component moisture curing eliminates mixing and simplifies production processes

Unique polyurethane formulation doesn't foam or create bond line expansion

3-5 minute open time; 30 minute clamp time; fully cures in 24 hours

Paintable

### **Typical properties**

Adhesive Type: Polyurethane

Application Method: Hand or pressure caulk

Brands: 3M™

Container Size (Imperial): 0.1 Gal. (US)

Full Cure Time: 24 hr

Heat Resistance: 210 Degree Fahrenheit

Industries: Construction, General Industrial, Transportation, Transportation, Woodworking

Modulus at 100%: 1700 Pound-Force Per Square Inch

Physical Form: Thixotropic paste

Product Color: Cream

Product Form: Cartridge, Gallon

Solids Weight Percent (Approximate): 98 %

Tack-free Time: 3 Minutes

Tensile Strength (Imperial): 275 psi

Units per Case: 12.0

eClass 14 Classification Group: 23330106

# 3M™ Scotch-Weld™ Acrylic Adhesive DP820

## Details

Creates strong bond with minimal or no surface prep required  
Resists many chemicals, water, humidity and corrosion  
Formulated to bond multi-material assemblies such as plastics, thermoplastics, composites and metals, including oily metals  
Medium viscosity allows controlled dispensing  
15 minute work life with 40 minute handling strength  
Strong adhesive can replace screws, rivets and welding

## Typical properties

Adhesion Strength (Imperial): 320 oz/in  
Adhesive Type: Acrylic  
Application: Bonding, Impact Resistance  
Brands: Scotch-Weld™  
Container Size (Imperial): 1.64 fl oz, 6.76 fl oz  
Container Size (Metric): 48.5 mL, 200 mL  
Hardness: 79 Shore D  
Industries: Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Signage, Specialty Vehicle, Transportation, Woodworking  
Open Time: 15 min @ 72 °F (22 °C)  
Physical Form: Flowable Liquid  
Product Form: Each  
Set Time: 40 min  
Shear Strength: 3200 psi  
Specific Gravity: 1.00  
Storage Temperature (Celsius): <27°C, 22°C  
Storage Temperature (Fahrenheit): 72 Degree Fahrenheit, <80 Degree Fahrenheit  
Surface Type: Oily, Painted, Powder Coated, Smooth  
Units per Case: 12.0  
Volume (Imperial): 1.71 fl oz, 6.8 fl oz  
Volume (Metric): 48.5 mL, 200 mL  
Work Life: 20 min  
eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Epoxy Adhesive DP105

## Details

Extremely flexible adhesive formula provides strong, permanent bond even under vibration and impact

Maintains high shear and peel strength

Flexible when cured, making it a good choice for bonding dissimilar surfaces

5 minute work life with handling strength in approximately 20 minutes at room temperature

Versatile bonder for metals, plastics, glass, ceramics and composites

## Typical properties

Adhesive Type: Epoxy

Application: Bonding, Encapsulating, Potting, Sealing

Brands: Scotch-Weld™

Container Size (Imperial): 1.64 fl oz, 5 gal, 6.76 fl oz

Container Size (Metric): 18.93 L, 48.5 mL, 200 mL

Full Cure Time: 48 hr

Hardness: 25 - 30 Shore D, 27 Shore D

Industries: Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking

Open Time: 5 min, 5 min @ 72 °F (22 °C)

Physical Form: Liquid

Product Form: Cartridge, Each

Set Time: 20 min

Shear Strength: 2000 psi

Smallest Saleable Unit: Each

Specific Gravity: 1.15, 1.13, 1.11

Specifications Met: UL 94 HB

Storage Temperature (Celsius): 22°C, 16°C - 27°C

Storage Temperature (Fahrenheit): 60 °F - 80 °F, 72 Degree Fahrenheit

Surface Type: Painted, Powder Coated, Smooth, Unpainted

Time to Handling Strength: 20 min

Units per Case: 1.0, 12.0

Volume (Imperial): 1.71 fl oz, 5 gal, 6.8 fl oz

Volume (Metric): 18.9 L, 48.5 mL, 200 mL

Work Life: 4 min

eClass 14 Classification Group: 23330109

## **3M™ Hot Melt Adhesive 3748 VO**

### **Details**

Tough, flexible bond provides good thermal shock resistance  
Adheres to difficult-to-bond plastics such as polyolefins  
100 percent solids bonds with negligible shrinking or contracting  
Excellent adhesion ensures reliable, permanent bond  
Self-extinguishing properties for electrical applications

### **Typical properties**

Adhesive Type: Polypropylene  
Application: Fastening Headliner & Ceiling Systems, Sealing, Potting and Encapsulating, Small Joint Assembly, Wiring Harness Attachment  
Application Method: Handheld Process, Spray  
Assembly Type: Potting & Encapsulating  
Brands: 3M™  
Case Quantity: 11.0 Bags per Case  
Container Size (Imperial): 11 lb., 22 lb.  
Container Size (Metric): 5 kg, 10 kg  
Form: Flowable Liquid  
Heat Resistance: 175 Degree Fahrenheit  
Heat Resistance (Celsius): 79 °C  
Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, Military & Government, Packaging, Retail, Signage, Specialty Vehicle, Transportation, Woodworking  
Maximum Operating Temperature (Fahrenheit): 175 °F  
Open Time: 35 Second  
Product Color: Light Yellow  
Product Form: Pound  
Shear Strength: 275 psi  
Smallest Saleable Unit: Case  
Solids Weight Percent (Approximate): 100 %  
Surface Type: Plastic  
eClass 14 Classification Group: 23330104

### **Dimensions and Classifications**

Overall Length (Imperial): 2 in, 3 in, 8 in  
Overall Length (Metric): 0.05 m, 0.07 m, 0.2 m  
Overall Width (Imperial): 0.62 in, 1 in  
Overall Width (Metric): 15.9 mm, 25.4 mm



## **3M™ Scotch-Weld™ Instant Adhesive Primer AC79**

### **Details**

Improves adhesion on flexible elastomers, including rubbers, such as silicone, fluoroelastomers, EPDM and TPE  
Fast drying to keep jobs moving quickly  
Contains cure accelerator  
Straightforward surface preparation and easy application  
California compliant

### **Typical properties**

Adhesive Type: Instant Adhesive  
Application: Structural Glazing  
Brands: Scotch-Weld™  
Clean-up: Acetone  
Composition: Acetone  
Industries: Construction, Consumer Goods, Electronics, General Industrial, MRO, Medical, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Physical Form: Liquid  
Product Color: Transparent  
Product Form: Bottle, Can  
Product Type: Primer  
Storage Temperature (Celsius): 22°C  
Storage Temperature (Fahrenheit): 72 Degree Fahrenheit  
Units per Case: 1.0,10.0,4.0  
Viscosity: Self-leveling  
Volume (Imperial): 1.056 gal, 2 fl oz, 8 fl oz  
Volume (Metric): 3.78 L, 59.1 mL, 236 mL  
eClass 14 Classification Group: 23330504

# 3M™ Scotch-Weld™ PUR Adhesive TE100

## Details

Fast 60 second set time for fast-paced processes and productivity  
Creates high-strength bonds that are plasticizer resistant  
Bonds to a variety of materials, including wood and many plastics  
100% solids formula with no VOCs  
120 second open time for joining parts together  
One component adhesive for easy application with no mixing or guesswork  
Contains UV dye to easily inspect the bond line with a black light  
Creates very thin bond lines (0.001" to 0.003") on wood  
Designed for use with the 3M™ Scotch-Weld™ PUR Applicator and unique disposable nozzles

## Typical properties

Adhesive Type: Urethane  
Application Method: Extruded from hand held or bench mounted applicators, It is dispensed with bulk application equipment  
Application Temperature From (Celsius): -55 °C  
Application Temperature To (Celsius): 80 °C  
Brands: Scotch-Weld™  
Container Size (Imperial): 0.1 Gallon, 5 Gal. (US)  
Container Size (Metric): 18.9 Liter, 310 ml  
Design Challenges: Impact & Shock Absorption  
Full Cure Time: 24 hr, 7 Days @ 72 F (22 C)  
Hardness: 60 Shore D  
Indoor/Outdoor: Both  
Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, Metalworking, Military & Government, Retail, Signage, Specialty Vehicle, Transportation, Woodworking  
Open Time: 2 min  
Physical Form: Liquid  
Product Color: White  
Product Form: Cartridge, Pound  
Set Time: 31 to 60 Second  
Smallest Saleable Unit: Bottle  
Solids Weight Percent (Approximate): 100 %  
Storage Temperature (Celsius): 16 to 27 °C  
Storage Temperature (Fahrenheit): 60 to 80 Degree Fahrenheit  
Units per Case: 1.0,5.0  
Viscosity: Self-leveling  
Work Time: 1 min  
eClass 14 Classification Group: 23330104

# 3M™ Scotch-Weld™ Urethane Adhesive DP604NS

## Details

Fast-curing adhesive delivers tough, flexible bonds quickly  
Designed for vertical and other applications that require no slumping or sagging of the adhesive bead  
Low-temperature flexibility  
Flexible adhesive that is capable of bonding dissimilar substrates  
Non-Newtonian: (Chemical reaction two-parts)  
Opaque black color

## Typical properties

Adhesive Type: Urethane  
Application: Bonding, Encapsulating, Impact Resistance, Potting, Sealing  
Brands: Scotch-Weld™  
Container Size (Imperial): 1.64 fl oz, 5 gal, 13.52 fl oz, 55 gal  
Container Size (Metric): 18.93 L, 48.5 mL, 208.2 L, 400 mL  
Design Challenges: Impact & Shock Absorption, Noise Vibration & Harshness Control NVH  
Full Cure Time: 6 hr  
Hardness: 85 Shore A  
Industries: Appliance, Automotive, Composite, Construction, Consumer Goods, Electronics, General Industrial, MRO, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Open Time: 4 min, 4 min @ 72 °F (22 °C)  
Performance Level: Better  
Physical Form: Liquid  
Product Form: Each  
Set Time: 20 min, 4 min  
Smallest Saleable Unit: Each  
Specific Gravity: 1.06,1.04  
Storage Temperature (Celsius): 16°C - 27°C  
Storage Temperature (Fahrenheit): 60 °F - 80 °F  
Surface Type: Rough  
Units per Case: 1.0,12.0,6.0  
Volume (Imperial): 1.71 fl oz, 5 gal, 13.52 fl oz, 55 gal  
Volume (Metric): 19 L, 48.5 mL, 250.06 L, 400 mL  
Work Life: 4 min  
eClass 14 Classification Group: 23330109

## **3M™ Hot Melt Adhesive 3797**

### **Details**

Hot melt adhesive ideal for potting of electrical and electronic components

Low viscosity provides high flow rates for excellent coverage

Ball and ring tested – adhesive exhibits good temperature resistance after application

30 second bead open time makes for effective potting at depth

For use with 3M™ Hot Melt Applicator PG II, allowing for fast-paced production

### **Typical properties**

Adhesive Type: Polypropylene

Application Method: Handheld Process, Spray

Assembly Type: Potting & Encapsulating

Brands: 3M™

Container Size (Imperial): 11 lb., 22 lb.

Container Size (Metric): 5 kg, 10 kg

Form: Flowable Liquid

Heat Resistance: 170 Degree Fahrenheit

Heat Resistance (Celsius): 77 °C

Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, Military & Government, Packaging, Retail, Signage, Specialty Vehicle, Transportation, Woodworking

Maximum Operating Temperature (Fahrenheit): 170 °F

Open Time: 35 Second

Product Color: Off-white

Product Form: Pound

Shear Strength: 350 psi

Solids Weight Percent (Approximate): 100 %

eClass 14 Classification Group: 23330104

### **Dimensions and Classifications**

Overall Length (Imperial): 2 in, 3 in

Overall Length (Metric): 0.05 m, 0.07 m

Overall Width (Imperial): 0.62 in, 1 in

Overall Width (Metric): 15.9 mm, 25.4 mm

# **3M™ Black Super Weatherstrip Adhesive**

3M ID B40069430

## **Details**

Forms flexible, waterproof bond that resists vibration

Easy to brush and spread right from the tube, saving time

Resists oils, solvents, detergents and temperature changes for permanent repairs

Bonds to a range of surfaces including vinyl, metal, fabrics and rubber

## **Typical properties**

eClass 14 Classification Group: 23330115

## **3M™ OEM Seam Sealer Tip Adapter, 08206, 6 per bag, 6 bags per case**

Part Number 08206 3M ID 7000045428 UPC 00051135082065

### **Details**

**CUSTOMIZE THE BEAD:** Connect typically incompatible sealers and nozzles to match OEM seams

**WORKS WITH OTHER TIPS:** Works with various shapes and sizes of 3M™ OEM Seam Sealer Tips

**USE WITH SELECT SEALERS:** May be used with 1-part 3M™ MSP and Urethane Sealers

**REDUCE REORDER NEEDS:** 6 adapters per bag

**INCREASE SHOP PRODUCTIVITY:** Helps make seam sealing applications swift, easy, and efficient

### **Typical properties**

Application: Dispensing, OEM Replication, Sealing, Seam and Joint Sealing

Brands: 3M™

Case Quantity: 6.0 Bags per Case

Material: Plastic

Product Color: Opaque

Product Type: Adapter

Tip Style: Sealer

eClass 14 Classification Group: 21045111

## **3M™ TPO Plastic Parts Repair, 08239, 200 mL, 6 per case**

3M ID 7010308779 UPC 00051131082397

### **Details**

Two component flexible urethane adhesive offers high performing adhesion  
Effective for backside reinforcement repair on a variety of plastic components  
50-second work time is effective for small defects  
Offers flexibility in temperatures from -20°F to 180°F  
Black paste formula

### **Typical properties**

Adhesive Type: Urethane  
Application: Plastic Repair  
Brands: 3M™  
Case Quantity: 6.0 Cartridges per Case  
Consistency: Paste  
Container Size (Imperial): 6.76 fl oz (US)  
Container Size (Metric): 200 ml  
Product Color: Black  
Sand Time: 30 Minute  
Volume (Imperial): 6.75 fl oz  
Volume (Metric): 200 mL  
Work Time: 50 Seconds  
eClass 14 Classification Group: 22170790

# **Bondo® Lightweight Filler Export**

3M ID B40067483

## **Details**

Lightweight filler sands easily  
Versatile product repairs dents and patches holes  
Fast-acting formula works easily and dries quickly  
Two-part product includes cream hardener

## **Typical properties**

Brands: Bondo®  
eClass 14 Classification Group: 22170700



# **Bondo® Traffic, P-606 Flexible Loop Sealer**

3M ID B49000248

## **Details**

Rapid chemical curing minimizes the length of time a lane is closed  
Compatible with concrete or asphalt, fresh or aged, wet or dry for consistent low maintenance results  
Sealant does not shrink – say goodbye to call-backs for refilling  
Cures to a smooth surface – no finishing required  
Sealant remains temperature stable and permanently flexible  
Encapsulates, insulates and protects detector loop wires from harsh roadway environments

## **Typical properties**

eClass 14 Classification Group: 23330106

## **3M™ Platinum™ Plus w/Hardener**

3M ID B40067466

### **Details**

Creamy formula provides easy mixing & spreading

Adhesion-promoted formula

Tack-free, Stain-free

Advanced formula recommended for use with galvanized steel and aluminum

Two-component filler includes hardener

### **Typical properties**

Application: Applying Body Filler, Small Dent Repair, Surface Repair

eClass 14 Classification Group: 22170700

## 3M™ Tape Primer 94

### Details

Promotes adhesion to polyethylene, polypropylene, ABS, PET/PBT blends and other on difficult to stick to substrates  
Commonly used for increasing adhesion of film and vinyl graphics in automotive detailing  
Can be applied with brush or swab for small areas and a pressurized flow gun for larger areas  
Dries to a clear finish  
Cleans up with isopropyl alcohol

### Typical properties

Adhesive Type: General Purpose Acrylic Adhesive  
Application: Exterior Side Panel Bonding, Wall & Door Panel Attachment  
Application Temperature-Environment: 60°F-80°F  
Application Temperature-Environment (Metric): 15°C - 27°C  
Brands: 3M™  
Clean-up: Acetone Solvent  
Composition: Solvent Based  
Full Cure Time: 2 min  
Industries: Construction, Electronics, General Industrial, Metalworking, Signage, Transportation  
Net Weight (Imperial): 0.01 lb, 0.59 lb, 2.11 lb, 7.64 lb, 38 lb  
Net Weight (Metric): 0 kg, 0.27 kg, 0.96 kg, 3.47 kg, 17.24 kg  
Physical Form: Liquid  
Product Color: Yellow  
Product Form: Can, Each  
Product Type: Primer  
Shelf Life in Months (From Date of Manufacture): 18  
Smallest Saleable Unit: Bottle, Each  
Storage Temperature (Celsius): 15°C - 27°C  
Storage Temperature (Fahrenheit): 60°F - 80°F  
Surface Type: Plastic  
Units per Case: 1.0,12.0,4.0,1000.0  
Volume (Imperial): 0.02 fl oz, 0.5 pt, 1 qt, 1 gal, 5 gal  
Volume (Metric): 3.785 L, 18.93 L, 66 mL, 236 mL, 946 mL  
eClass 14 Classification Group: 23330504

### Dimensions and Classifications

Overall Height (Imperial): 0.4 in, 2.88 in, 5 in, 7.6 in, 13.3 in  
Overall Height (Metric): 1.02 cm, 7.3 cm, 12.7 cm, 19.3 cm, 33.782 cm  
Overall Length (Imperial): 0.4 in, 2.88 in, 4.41 in, 6.82 in, 12 in  
Overall Length (Metric): 30.48 cm  
Overall Width

## **3M™ Fastbond™ Insulation Adhesive 49**

### **Details**

**PERMANENT BOND:** Offers an aggressive tack and high initial grab for fast results

**SIMPLE AND STRAIGHTFORWARD:** Uses an easy-to-dispense formula for direct application and long-lasting strength

**HIGH PERFORMANCE:** Delivers long-lasting strength without soak-in thanks to a high solids content

**VERSATILE USE:** Designed for installing insulation; HVAC fiberglass; and hanging fabric, felt, foam, and more

**CERTIFIED:** GREENGUARD™ and UL certified, and meets California and OTC state VOC requirements

### **Typical properties**

**Application:** Bond Fiberglass Insulation to Metal, Insulation Attachment, Upholstery & Seating Attachment

**Application Method:** Brush, Roll, Spray

**Brands:** Fastbond™

**Container Size (Imperial):** 5 Gallon, 100 Gallon, 255 Gallon

**Container Size (Metric):** 18.9 Liter, 378.5 Liter, 965.28 Liter

**Environmental Considerations:** California Air Resources Board, GREENGUARD® Certified, Helps contribute to LEED® credits, Low VOC, Ozone Transport Commission, SCAQMD

**Flame Retardant:** Non-flammable

**Heat Resistance:** <230 Degree Fahrenheit

**Heat Resistance (Celsius):** <110 °C

**Industries:** Construction

**Product Color:** Transparent

**Product Form:** Bulk

**Solids Weight Percent (Approximate):** 53 % - 57 %

**Surface Type:** Foam

**Units per Case:** 1.0

**eClass 14 Classification Group:** 23330102

# 3M™ Scotch-Weld™ Acrylic Adhesive DP8405NS

## Details

5 minute work life with 20 minutes to structural strength  
Durable bond with excellent shear, peel and high impact strength  
Bonds to a variety of surfaces, including most metals and plastics  
High strength with minimal surface prep  
Features spacer beads to control bond line thickness

## Typical properties

Adhesion Strength (Imperial): 800 oz/in  
Adhesive Type: Acrylic  
Application: Impact Resistance  
Application Temperature From (Celsius): -40 °C  
Application Temperature To (Celsius): 90 °C  
Brands: Scotch-Weld™  
Container Size (Imperial): 1.52 fl oz, 5 gal, 16.57 fl oz, 55 gal  
Container Size (Metric): 18.93 L, 45 mL, 208.2 L, 490 mL  
Design Challenges: Impact & Shock Absorption, Noise Vibration & Harshness Control NVH  
Industries: Aerospace, Appliance, Automotive, Communications, Construction, Consumer Goods, Electronics, General Industrial, MRO, Metalworking, Signage, Specialty Vehicle, Transportation, Woodworking  
Open Time: 4 - 6 min @ 72 °F (22 °C)  
Performance Level: Best  
Physical Form: Flowable Liquid  
Product Form: Cartridge  
Set Time: 14 min - 16 min  
Shear Strength: 4100 psi  
Smallest Saleable Unit: Each  
Storage Temperature (Celsius): 22°C  
Storage Temperature (Fahrenheit): 72 Degree Fahrenheit  
Surface Type: Oily, Painted, Powder Coated, Smooth  
Units per Case: 1.0,12.0,6.0  
Volume (Imperial): 1.58 fl oz, 5 gal, 17.25 fl oz, 55 gal  
Volume (Metric): 18.9 L, 45 mL, 208.2 L, 490 mL  
Work Life: 4 - 6 min  
eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Epoxy Adhesive DP110 Gray

## Details

Flexible adhesive provides strong, permanent bond even under vibration and impact  
Maintains high shear and peel strength  
Flexible when cured, making it a good choice for bonding dissimilar surfaces  
10 minute work life with handling strength in approximately 20 minutes at room temperature  
Versatile bonder for metals, plastics, concrete, wood and composites

## Typical properties

Adhesive Type: Epoxy  
Application: Bonding, Impact Resistance  
Brands: Scotch-Weld™  
Container Size (Imperial): 1.64 fl oz, 5 gal, 6.76 fl oz  
Container Size (Metric): 18.93 L, 48.5 mL, 200 mL  
Full Cure Time: 48 hr  
Hardness: 40 - 45 Shore D, 45 Shore D  
Industries: Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Open Time: 8 - 13 min @ 72 °F (22 °C)  
Performance Level: Best  
Physical Form: Flowable Liquid  
Product Form: Cartridge  
Set Time: 20 min  
Shear Strength: 3500 psi  
Specific Gravity: 1.1  
Specifications Met: UL 94 HB  
Storage Temperature (Celsius): 22°C, 16°C - 27°C  
Storage Temperature (Fahrenheit): 60 °F - 80 °F, 72 Degree Fahrenheit  
Surface Type: Painted, Powder Coated, Smooth, Unpainted  
Units per Case: 1.0, 12.0  
Volume (Imperial): 1.71 fl oz, 5 gal, 6.76 fl oz  
Volume (Metric): 18.9 L, 48.5 mL, 200 mL  
Work Life: 8 - 13 min  
eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Epoxy Adhesive DP405

## Details

High peel and shear strength maintains lasting bond at high and low temperatures

Toughened for impact and fatigue resistance

Fast 5 minute work life; quick cure time

Tougher, long lasting bonds compared to other 5 minute epoxies

Adhesive cures at room temperature, making it a convenient and easy to use solution for challenging applications

## **3M™ Hot Melt Adhesive 3762**

### **Details**

Aggressive hot tack rapidly achieves handling strength  
Short open time allows for fast assembly lines  
Securely bonds difficult to seal substrates such as lightly waxed surfaces  
Low viscosity prevents stringing even at fast production speeds  
Recommended application temperature range: 350-385°F (177-196°C)

### **Typical properties**

Adhesive Type: Ethylene Vinyl Acetate  
Application: Large Surface Lamination Assembly, Mounting & Trim Attachment, Small Joint Assembly  
Application Method: Handheld Process, Spray  
Brands: 3M™  
Case Quantity: 11.0 Bags per Case  
Container Size (Imperial): 11 lb., 22 lb.  
Container Size (Metric): 5 kg, 10 kg  
Form: Flowable Liquid  
Heat Resistance: 130 Degree Fahrenheit  
Heat Resistance (Celsius): 54 °C  
Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, MRO, Military & Government, Packaging, Retail, Signage, Specialty Vehicle, Transportation, Woodworking  
Maximum Operating Temperature (Fahrenheit): 130 °F  
Open Time: 35 Second  
Product Color: Beige, Tan  
Product Form: Pound  
Shear Strength: 390 psi  
Smallest Saleable Unit: Case  
Solids Weight Percent (Approximate): 100 %  
Surface Type: Wood  
Temperature Setting for EC Heat Gun: 3  
eClass 14 Classification Group: 23330104

### **Dimensions and Classifications**

Overall Length (Imperial): 1 in, 2 in, 8 in, 12 in  
Overall Length (Metric): 0.05 m, 0.07 m, 0.2 m, 0.3 m  
Overall Width (Imperial): 0.45 in, 0.62 in, 1 in  
Overall Width (Metric): 11.43 mm, 15.9 mm, 25.4 mm



# 3M™ Scotch-Weld™ Low Odor Acrylic Adhesive DP810

## Details

Low odor adhesive is ideal for any setting where harsh fumes or flammability are an issue

Provides high shear and peel strength and is toughened for impact resistance

10 minute work life and 20 minute handling strength

Bonds oily metals with minimal surface prep

Bonds most plastics, composites and metals

## Typical properties

Adhesion Strength (Imperial): 480 oz/in

Adhesive Type: Acrylic

Application: Impact Resistance

Brands: Scotch-Weld™

Container Size (Imperial): 1.64 fl oz, 6.76 fl oz, 13.52 fl oz

Container Size (Metric): 48.5 mL, 200 mL, 400 mL

Design Challenges: Impact & Shock Absorption, Noise Vibration & Harshness Control NVH

Full Cure Time: 8 hr - 24 hr

Industries: Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking

Open Time: 10 min @ 72 °F (22 °C)

Performance Level: Best

Physical Form: Flowable Liquid

Product Form: Each

Set Time: 10 min

Shear Strength: 3600 psi

Specific Gravity: 1.07

Storage Temperature (Celsius): 0°C, 4 °C

Storage Temperature (Fahrenheit): 32 °F, ≤40 Degree Fahrenheit

Surface Type: Oily, Painted, Powder Coated, Smooth, Unpainted

Units per Case: 1.0, 12.0, 6.0

Volume (Imperial): 1.64 fl oz, 4.4 gal, 6.76 fl oz, 13.52 fl oz

Volume (Metric): 16.7 L, 48.5 mL, 200 mL, 400 mL

Work Life: 10 min

eClass 14 Classification Group: 23330109

# **3M™ Scotch-Weld™ Non-Flammable Instant Adhesive Activator AC09, Clear, 2 fl oz, 10 Bottles/Case**

3M Product Number AC09 3M ID 7010366543 UPC 00051111077955

## **Details**

Accelerator designed to quicken cure speed of cyanoacrylate adhesives for fast results

One-part surface accelerator can be used for thick bond lines or porous substrates

Non-flammable, fluorinated solvent base

Designed to quickly provide excellent bond strength

California compliant

## **Typical properties**

Brands: Scotch-Weld™

Container Size (Imperial): 2 fl oz (US)

Container Size (Metric): 59.15 ml

Industries: General Industrial, Metalworking, Military & Government, Woodworking

Product Color: Transparent

Product Form: Bottle

Storage Temperature (Celsius): 22°C

Storage Temperature (Fahrenheit): 72 Degree Fahrenheit

Units per Case: 10.0

Viscosity: Self-leveling

Volume (Imperial): 2 fl oz

Volume (Metric): 59.1 mL

eClass 14 Classification Group: 23330105

# 3M™ Scotch-Weld™ PUR Adhesive TS115 HGS

## Details

Quick 60 seconds set time for fast-paced processes and productivity  
Creates high-strength, flexible bonds that are plasticizer resistant  
Bonds to a variety of materials, including wood, plastics, glass and metal  
10 minute open time for large surfaces  
Can be sprayed and roll coated  
100% solids formula with no VOC's  
One component adhesive for easy application with no mixing or guesswork  
Bonds to polyethylene and polypropylene with slight surface modification  
Designed for use with the 3M™ Scotch-Weld™ PUR Applicator and unique disposable nozzles

## Typical properties

Adhesive Type: Polyurethane Reactive (PUR), Urethane  
Application Method: Extruded from hand held or bench mounted applicators, It is dispensed with bulk application equipment  
Assembly Type: Large Surface Lamination  
Brands: Scotch-Weld™  
Container Size (Imperial): 0.1 Gallon, 5 Gal. (US)  
Container Size (Metric): 18.9 Liter, 310 ml  
Design Challenges: Impact & Shock Absorption  
Full Cure Time: 24 hr  
Hardness: 47 Shore D  
Indoor/Outdoor: Both  
Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, Metalworking, Military & Government, Retail, Signage, Specialty Vehicle, Transportation, Woodworking  
Open Time: 4 min  
Physical Form: Liquid  
Product Color: Off-white, White  
Product Form: Pound  
Set Time: 31 to 60 Second  
Solids Weight Percent (Approximate): 100 %  
Storage Temperature (Celsius): 16 to 27 °C  
Storage Temperature (Fahrenheit): 60 to 80 Degree Fahrenheit  
Units per Case: 1.0,5.0  
Viscosity: Self-leveling  
Work Time: 10 min  
eClass 14 Classification Group: 23330104

# 3M™ Scotch-Weld™ Surface Insensitive Instant Adhesive SI1500

## Details

Bonds to a number of substrates, including acidic substrates, such as wood, cardboard, veneer, fabric, cork, paper and leather  
Precise application: pinch container for a precise drop or squeeze for a steady bead  
Medium viscosity adhesive is easily applied from the bottle  
Strong, durable and long lasting bond on a variety of substrates  
Fast curing to keep projects moving quickly

## Typical properties

Adhesive Type: Cyanoacrylate, Instant Adhesive  
Brands: Scotch-Weld™  
Container Size (Imperial): 1.76 Ounce, 17.64 Ounce  
Container Size (Metric): 50 g, 500 g  
Design Challenges: Impact & Shock Absorption  
For Use On: Plastic: HSE, MSE (ABS, Acrylic, Polycarbonate, Nylon), Wood, Plastic: LSE (Polypropylene, Polyethylene), Glass, Elastomer, Smooth, Ceramic, Rubber, Stone, Metal (Painted)  
Full Cure Time: 24 Hours @ 72 F (22 C)  
Gap Fill (Imperial): 0.008 in  
Gap Fill (Metric): 0.203 mm  
Indoor/Outdoor: Both  
Industries: Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Net Weight (Imperial): 1 lb  
Net Weight (Metric): 453 g  
Physical Form: Liquid  
Product Color: Transparent  
Product Form: Bottle  
Set Time: 5 - 60 Seconds  
Shear Strength: 1700 psi, 1750 psi  
Storage Temperature (Celsius): 16 to 27 °C  
Storage Temperature (Fahrenheit): 40 F (4.5 C), 60 to 80 Degree Fahrenheit  
Units per Case: 1.0, 10.0  
Viscosity: Self-leveling  
Viscosity Range (cps) at Room Temperature: 1500  
eClass 14 Classification Group: 23330105

# 3M™ Scotch-Weld™ Urethane Adhesive DP605NS, Off-White, 48.5 mL Duo-Pak, 12/Case

3M Product Number 605 3M ID 7100148767 UPC 00638060089972

## Details

Fast-curing adhesive delivers tough, relatively flexible bonds quickly  
Designed for vertical and other applications that require no slumping or sagging of the adhesive bead  
Low-temperature flexibility  
Relatively flexible adhesive that is capable of bonding dissimilar substrates  
Tested to UL-94HB horizontal burn  
Non-Newtonian: (Chemical reaction two-parts)  
Off-white color  
Meets low halogen electro technical commission (IEC-61249-2-21)

## Typical properties

Adhesive Type: Urethane  
Application: Impact Resistance  
Brands: Scotch-Weld™  
Container Size (Imperial): 1.64 fl oz  
Container Size (Metric): 48.5 mL  
Full Cure Time: 48 hr  
Industries: Metalworking, Signage, Specialty Vehicle, Woodworking  
Performance Level: Better  
Physical Form: Flowable Liquid  
Product Form: Cartridge  
Shear Strength: 2000 psi  
Storage Temperature (Celsius): 16°C - 27°C  
Storage Temperature (Fahrenheit): 60 °F - 80 °F  
Surface Type: Rough  
Units per Case: 12.0  
Volume (Imperial): 1.71 fl oz  
Volume (Metric): 48.5 mL  
Work Life: 5 min  
eClass 14 Classification Group: 23330109

## **3M™ High Bond Rearview Mirror Adhesive, 08749, 0.02 fl oz, 12 per case**

3M ID 60455070858 UPC 00051135087497

### **Details**

Two-part structural acrylic system designed to mount rear view mirrors  
Holds up well in high temperatures and humid environments  
Resistant to moisture, chemicals, vibration and impact  
Simple application procedure  
Cures in 15 minutes, depending on environmental conditions

### **Typical properties**

Adhesive Type: Acrylic  
Brands: 3M™  
Case Quantity: 12  
Consistency: Paste  
Container Type: Tube  
Cure Time: 15 min - 30 min  
Factory ISO Certification: No ISO Certification information available  
Volume (Imperial): 0.02 fl oz  
Volume (Metric): 0.6 mL  
eClass 14 Classification Group: 23330109

# **Dynatron™ Liquid Hardener**

3M ID B40067602

## **Details**

Liquid hardener designed for use with Dynatron™ polyester fiberglass resin products

Creates chemical reaction with polyester fiberglass resin for fast cure

Results in a 100% waterproof repair

## **Typical properties**

eClass 14 Classification Group: 22170700

# **3M™ Foam and Fabric Spray Adhesive 24, Orange, 16 fl oz Can (Net Wt 13.8 oz), 12/Case, NOT FOR SALE IN CA AND OTHER STATES**

3M Product Number 24 3M ID 7100179450 UPC 00638060147252

## **Details**

Designed specifically for foams and fabrics  
Dispenses with a lace-spray pattern optimized for foam bonding  
Provides professional, industrial strength for demanding applications at an economical price  
Offers a fast, aggressive tack for a quick assembly of high-stress bonds  
Allows for a bond time of 15 seconds to 30 minutes

## **Typical properties**

Brands: 3M™  
Container Size (Imperial): 16 fl oz (US)  
Container Size (Metric): 473 ml  
Form: Aerosol  
Product Form: Can  
Spray Pattern: Variable Lace  
eClass 14 Classification Group: 23330115



## **3M™ Controlled-Flow Seam Sealer, 08329, 200 mL Cartridge, 6 per case**

3M ID 7000148203 UPC 00051135083291

### **Details**

**HIGH-PERFORMANCE URETHANE:** Forms flexible bonds that can withstand torsional stress, vibration, and weather  
**STICKS TO COATED SURFACES:** Formula adheres well to primed and painted surfaces  
**APPLICATION FLOW CONTROL:** Sealer only flows 1 to 2 inches on non-level surfaces  
**FAST CURE TIME:** Ideal for high-speed results, this sealant fully cures in just 2 hours  
**CONTAINS NO SOLVENTS:** Cured sealer will not shrink or crack

### **Typical properties**

Adhesive Type: Urethane  
Application: Sealing  
Brands: 3M™  
Case Quantity: 6.0 Eaches per Case  
Consistency: Liquid  
Container Size (Imperial): 6.75 fl oz (US)  
Container Size (Metric): 200 ml  
Container Type: Cartridge  
Full Cure Time: 2 hr  
Paint Time: 45 Minute  
Product Color: Black  
Shelf Life in Months (From Date of Manufacture): 12  
Surface Type: Painted Surface  
Tack-free Time: 3 Minutes  
Work Time: 3 Minutes  
eClass 14 Classification Group: 23330106

# 3M™ Heavy-Bodied Seam Sealer

## Details

**HIGH-PERFORMANCE:** Two-part epoxy seals vertical and horizontal seams to match OEM seals

**METERED MIXING:** Dual syringe cartridge eliminates the difficulty and mess of manual mixing

**NON-FLOWING:** Heavy-bodied formula allows easy tooling for matching OEM seam sealer appearances

**FAST CURE TIME:** Ideal for high-speed results, this sealant fully cures in just 1 hour

**SELF-MIXES:** Makes a perfect formulation every time without mess

## Typical properties

Adhesive Type: Two-Part Epoxy

Application: Sealing

Case Quantity: 6

Consistency: Paste

Container Size (Imperial): 6.76 fl oz (US), 20.29 fl oz (US)

Container Size (Metric): 200 ml, 600 ml

Container Type: Cartridge

Full Cure Time: 1 hr

Handling Time: 1 min - 10 min, 10 min - 30 min

Material: Epoxy

Paint Time: 15 Minute

Product Color: Black

Product Form: Paste

Shelf Life in Months (From Date of Manufacture): 24

Surface Type: Painted Surface

Tack-free Time: 10 min

Work Time: 6 Minutes

eClass 14 Classification Group: 23330106

## **Bondo® Self-Adhesive Body Patch 00932**

3M ID 60455069645 UPC 00076308009328

### **Details**

Reinforced mesh provides supportive backing to fill holes  
Patch material may be cut, folded and shaped for most contours  
Use with Bondo® Body Filler and fiberglass resins  
Self-adhesive holds body patch in place  
Rust-resistant properties create a lasting repair  
Use during the Fill stage of the 3M™ Body Repair System

### **Typical properties**

Application: Rust Repair  
Brands: Bondo®  
Case Quantity: 12.0 Envelopes per Case  
Factory ISO Certification: No ISO Certification information available  
Performance Level: Best  
Product Category: Plastic Repair  
Product Type: Metal Body Patch  
eClass 14 Classification Group: 23330000

# 3M™ Polystyrene Foam Insulation Spray Adhesive 78, Clear, 24 fl oz (Net Wt 17.9 oz), 12 Can/Case

Part Number 41593 3M Product Number 78 3M ID 7000046590

## Details

**FOR INDUSTRIAL USE ONLY:** This product is designed exclusively for industrial applications

**SPECIALIZED USAGE:** Made specifically for bonding expanding polystyrene foams (EPS), creating bonds stronger than the foam itself

**APPLIES EVENLY FOR GOOD COVERAGE:** Sprays in a lace pattern optimized for insulation bonding

**ADJUST AND REPOSITION:** Offers up to 15 minutes of working time

**PREVENTS MATERIAL DETERIORATION:** Doesn't dissolve or degrade polystyrene

**MADE FOR PROFESSIONALS:** Provides industrial-strength bonding for demanding applications

**SAME ADHESIVE, DIFFERENT FORM:** A cylinder spray adhesive of 3M™ Insulation & Polystyrene Adhesive 78 is also available

## Typical properties

Application: Bond Polystyrene Foam Panels, Foam Board Insulation, Foam Bonding

Application Method: Spray

Brands: 3M™

Case Quantity: 12.0 Bags per Case

Container Size (Imperial): 24 fl oz (US)

Container Size (Metric): 710 ml

Environmental Considerations: Helps contribute to LEED® credits

Flame Retardant: Flammable

Form: Aerosol

Heat Resistance: <190 Degree Fahrenheit

Heat Resistance (Celsius): <88 °C

Industries: Construction, General Industrial, MRO, Packaging, Retail, Specialty Vehicle, Transportation

Open Time: 1 - 15 min

Product Color: Transparent

Product Form: Aerosol

Solids Weight Percent (Approximate): 17 %

Spray Pattern: Variable Lace

Units per Case: 12.0

eClass 14 Classification Group: 23330115

## **3M™ Feathering Disc Adhesive**

3M ID B40069452

### **Details**

Natural rubber base provides ideal tack for A-weight paper

Formulation provides strong yet flexible bond for quick change-outs

Resists adhesive buildup, decreasing irregularities that can telegraph through the disc

Single component gel – no mixing required

Easy, clean removal and reapplication of paper without delamination, saving time and money

### **Typical properties**

eClass 14 Classification Group: 23330115

## **3M™ Quick Fix Adhesive**

### **Details**

Super strong adhesion in seconds  
Bonds plastics, metals, glass and other impervious surfaces  
Resists temperature swings, shocks and cleaning agents  
Versatility means one adhesive handles many tasks  
May be used for both automotive and marine applications

### **Typical properties**

Adhesive Type: Cyanoacrylate  
Case Quantity: 6.0 Kits per Case, 12.0 Bottles per Case  
Consistency: Liquid  
Container Size (Imperial): 1 Ounce, 2.7 Ounce  
Container Size (Metric): 28.35 g, 76.54 g  
Container Type: Bottle  
For Use On: Glass & Ceramics, Wood, Plastic (Polyolefins and Thermoplastic Elastomers), Fabric, Felt, Cork & Fibrous Glass, Flexible Foam (Latex, Urethane), Plastic (High Performance Nylon), Leather, Metal, Rubber (Except EPDM), Paper & Cardboard, EPDM Rubber, Rigid Foam (Urethane), Rigid Foam (Beadboard Styrene), High Surface Energy, (400-1100 Dynes/cm), Plastic (Flexible Vinyl), Plastic (ABS, PVC, Acrylic), Smooth  
Product Color: Transparent  
Shelf Life in Months (From Date of Manufacture): 6 , 12  
Volume (Imperial): 1 fl oz  
Work Time: 1 min  
eClass 14 Classification Group: 23330105

# Dynatron™ Mixing Board

3M ID B40068824

## Details

- Mixing board provides surface for preparing automotive filler
- Easy-to-clean surface allows for repeat uses
- Smooth surface won't trap old filler residue
- Slightly flexible design aids in keeping board clean
- User-friendly design makes mixing auto body filler easier

## **3M™ Yellow Spreaders, 20395, 150 per case**

3M ID 7000119822 UPC 00051593203958

### **Details**

A basic tool for consistently applying products  
Flexible edge allows for easy and accurate body filler spreading  
Reusable – cured filler pops off with a simple twist for savings on material costs  
Non-absorbent material keeps filler and spreader clean and ready for use  
Designed specifically for body repair professionals

### **Typical properties**

Brands: 3M™  
Case Quantity: 150.0 per Case  
Product Color: Yellow

### **Dimensions and Classifications**

Overall Length (Imperial): 4 in  
Overall Length (Metric): 101.6 mm  
Overall Width (Imperial): 3 in  
Overall Width (Metric): 76.2 mm



## **3M™ Scotch-Weld™ Adhesive/Sealant EC-3537-NA B/A**

Part Number EC-3537-NA 3M Product Number EC-3537 3M ID B40067025

### **Details**

Enables high performance design and provides high shear and peel strength  
Highly flexible formula helps improve service life and reduce damage  
Non-sagging thixotropic formula holds its shape for precise bond line control and less rework  
Two-part formula cures at room temperature in 3-7 days

### **Typical properties**

Application: Bonding, Joint Filling  
Product Usage: Joints  
eClass 14 Classification Group: 23330106

# 3M™ Scotch-Weld™ Epoxy Adhesive EC-1751 B/A

## Details

Dense, aluminum filled formula is ideal for metal-to-metal bonding, exterior and structural applications

Thick paste consistency is ideal for void filling and repairing holes and dents in metal

Two-part formula cures at room temperature (75°F) to a strong durable bond in 24-48 hours

Dense formula provides negligible shrinkage and a strong structural bond

Durable adhesive provides excellent environmental resistance

## Typical properties

Adhesive Type: Epoxy

Container Size (Imperial): 1 qt, 2 oz

Container Size (Metric): 0.95 L, 56.7 g

Cure Rate: 7 days

Cure Temperature: Room Temperature

Density: 1.3 g/cc

Factory ISO Certification: No ISO Certification information available

Percent Volatile: 5 % - 10 %

eClass 14 Classification Group: 23330109

# **3M™ Scotch-Weld™ Structural Adhesive Film AF 3185, 8 mil, 36 in x 50 yd, 1 Roll/Case**

Part Number AF 3185 3M Product Number AF 3185 3M ID 7010329681

## **Details**

Cure temperatures as low as 200°F (93°C) may be used  
Film is commonly used for bonding aircraft canopies and windscreens into frames  
Easy to cut  
Very low flow (< 10%)  
Repositionable  
Excellent for vacuum or low pressure curing  
Used for bonding glass and reinforced epoxy glass laminates  
Light tan color

## **Typical properties**

Adhesive Type: Epoxy  
Application: Bonding, Structural Bonding, Surfacing  
Brands: Scotch-Weld™  
Cure Rate: 1 hr  
Curing Temperature (Celsius): 121 °C  
Curing Temperature (Fahrenheit): 250 °F  
Factory ISO Certification: No ISO Certification information available  
Maximum Operating Temperature (Celsius): 82 °C  
Maximum Operating Temperature (Fahrenheit): 180 °F  
Minimum Operating Temperature (Celsius): -55 °C  
Minimum Operating Temperature (Fahrenheit): -67 °F  
Nominal Adhesive Thickness (Imperial): 8 mil  
Nominal Adhesive Thickness (Metric): 0.203 mm  
Product Color: Light Tan  
Product Form: Roll  
Storage Environment: Freezer Storage  
Substrate: Composite, Metal  
eClass 14 Classification Group: 23330301

## **Dimensions and Classifications**

Overall Length (Imperial): 50 yd  
Overall Length (Metric): 45.7 m  
Overall Width (Imperial): 36 in  
Overall Width (Metric): 0.9 m

# **3M™ Scotch-Weld™ Composite Surfacing Film AF 191XS, 0.045 wt, 36 in x 50 yd, 1 Roll/Case**

Part Number AF 191XS 3M Product Number AF 191XS 3M ID 7000058927

## **Details**

Designed for 350°F cure (175°C)  
Adhesive can be cured from 275°F (135°C) up to 350°F (175°C)  
Excellent elevated temperature performance  
Unsupported version available for reticulation  
High-fracture toughness and peel strength

## **Typical properties**

Application: Bonding, Structural Bonding, Surfacing  
Brands: Scotch-Weld™  
Factory ISO Certification: No ISO Certification information available  
Maximum Operating Temperature (Celsius): 175 °C  
Maximum Operating Temperature (Fahrenheit): 350 °F  
Minimum Operating Temperature (Celsius): -55 °C  
Minimum Operating Temperature (Fahrenheit): -67 °F  
Nominal Weight (Imperial): 0.045 lb/ft<sup>2</sup>  
Product Color: Tan  
Product Form: Roll  
Substrate: Composite, Metal  
eClass 14 Classification Group: 23330301

## **Dimensions and Classifications**

Overall Length (Imperial): 50 yd  
Overall Length (Metric): 45.7 m  
Overall Width (Imperial): 36 in  
Overall Width (Metric): 0.9 m

# 3M™ Scotch-Weld™ Acrylic Adhesive DP8425NS

## Details

23 minute work life with 53 minutes to structural strength  
Durable bond with excellent shear, peel and high impact strength  
Bonds a variety of surfaces, including most metals and plastics  
High strength with minimal surface prep  
Features spacer beads to control bond line thickness

## Typical properties

Adhesive Type: Acrylic, Epoxy  
Application: Impact Resistance  
Brands: Scotch-Weld™  
Container Size (Imperial): 1.52 fl oz, 5 gal, 16.57 fl oz, 55 gal  
Container Size (Metric): 45 mL, 208.2 L, 490 mL  
Container Type: Drum  
Design Challenges: Impact & Shock Absorption, Noise Vibration & Harshness Control NVH  
Full Cure Time: 24 hr  
Industries: Metalworking, Signage, Specialty Vehicle, Woodworking  
Performance Level: Best  
Product Form: Cartridge  
Set Time: 22 min - 25 min  
Smallest Saleable Unit: Each  
Storage Temperature (Celsius): <27°C  
Storage Temperature (Fahrenheit): <80 Degree Fahrenheit  
Surface Type: Oily, Smooth  
Volume (Imperial): 1.58 fl oz, 17.25 fl oz  
Volume (Metric): 45 mL, 490 mL  
Work Life: 22 - 24 min  
eClass 14 Classification Group: 23330109

## **3M™ Aerospace Sealant AC-251**

### **Details**

Maintains flexibility and bond strength for reliable performance on aircraft transparencies  
Contains no added solvents to prevent crazing on transparent surfaces  
Formulated to resist UV degradation  
Black color provides clean exterior mold lines  
Non-sag formula is easy to mix and apply by injection dispenser or spatula for fast application time  
Qualified to multiple aerospace material specifications

### **Typical properties**

Application: Sealing  
Application Life: 1 Hour, 2 Hour, 30 Minute  
Container Size (Imperial): 1 Ounce, 1 Quart, 1 Pint, 2.5 Ounce, 5 Gallon, 6 Ounce  
Cure Type: Fast Cure  
Factory ISO Certification: No ISO Certification information available  
Product Color: Black  
Product Form: Kit  
Product Volume: 0.5 Ounce, 2 Ounce, 3.5 Ounce, 5 Gallon, 12 Ounce, 24 Ounce  
eClass 14 Classification Group: 22171000

# 3M™ Scotch-Weld™ Epoxy Adhesive EC-1838 B/A

## Details

Two-part formula cures at room temperature (75°F) to a strong durable bond in 24-48 hours

Unique formula adhesive bonds to composites and metal panels

Non-sag paste won't run, drip or migrate on vertical or overhead surfaces

Durable adhesive provides a high shear strength and excellent environmental resistance

## Typical properties

Adhesive Type: Epoxy

Container Size (Imperial): 1 qt, 4 oz

Container Size (Metric): 0.95 L, 118.29 mL

Cure Rate: 7 days

Cure Temperature: Room Temperature

Factory ISO Certification: No ISO Certification information available

Product Form: Kit, Kit(set)

eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Structural Adhesive Film AF 126

## Details

Designed for 250°F cure (120°C)  
Adhesive can be cured from 180°F (80°C) up to 350°F (175°C)  
High-tack for shop handling performance  
Moderate peel strength  
Vacuum bag (out of autoclave) curable

## Typical properties

Adhesive Type: Epoxy, Epoxy Film Adhesive  
Application: Bonding, Structural Bonding, Surfacing  
Cure Rate: 1 hr  
Curing Temperature (Celsius): 121 °C  
Curing Temperature (Fahrenheit): 250 °F  
Factory ISO Certification: No ISO Certification information available  
Maximum Cure Conditions (Celsius): 107 °C  
Maximum Cure Conditions (Fahrenheit): 225 °F  
Maximum Operating Temperature (Celsius): 80 °C  
Maximum Operating Temperature (Fahrenheit): 176 °F  
Minimum Cure Conditions (Celsius): 82 °C  
Minimum Cure Conditions (Fahrenheit): 180 °F  
Minimum Operating Temperature (Celsius): -55 °C  
Minimum Operating Temperature (Fahrenheit): -67 °F  
Nominal Adhesive Thickness (Imperial): 5 mil, 10 mil, 15 mil  
Nominal Adhesive Thickness (Metric): 0.127 mm, 0.254 mm, 0.381 mm  
Nominal Weight (Imperial): 0.03 lb/ft<sup>2</sup>, 0.06 lb/ft<sup>2</sup>, 0.08 lb/ft<sup>2</sup>  
Product Color: Green, Off White, Red  
Shear Strength: 5000 psi  
Storage Environment: Freezer Storage  
Substrate: Composite, Metal  
eClass 14 Classification Group: 23330301

## Dimensions and Classifications

Overall Length (Imperial): 36 yd, 72 yd  
Overall Length (Metric): 33 m, 65.8 m  
Overall Width (Imperial): 0.75 in, 1 in, 1.875 in, 4 in, 4.5 in, 5.5 in, 5.875 in, 6 in,  
7.5 in, 8 in, 12 in, 18 in, 36 in  
Overall Width (Metric): 0.9 m, 19 mm, 25.4 mm, 48 m



# **3M™ Scotch-Weld™ Structural Adhesive Film AF 32, 10 mil, 20 in x 36 yd, 1 Roll/Case**

Part Number AF 32 3M Product Number AF 32 3M ID 7000046334

## **Details**

Designed for 350°F (175°C) cure  
Good flexibility and shear strength at service temperatures from -67°F to 350°F (-55°C to 175°C)  
Easy application in a film form which can be pressure, heat or solvent tacked in position  
Excellent retention of strength after aging in many environments  
Yellow in color  
Suitable for metal-to-metal bonding  
Low flow allows for less post-bonding flash removal

## **Typical properties**

Application: Bonding, Structural Bonding, Surfacing  
Brands: Scotch-Weld™  
Factory ISO Certification: No ISO Certification information available  
Maximum Operating Temperature (Celsius): 175 °C  
Maximum Operating Temperature (Fahrenheit): 350 °F  
Minimum Operating Temperature (Celsius): -55 °C  
Minimum Operating Temperature (Fahrenheit): -67 °F  
Product Color: Tan  
Product Form: Roll  
Substrate: Metal  
eClass 14 Classification Group: 23330301

## **Dimensions and Classifications**

Overall Length (Imperial): 36 yd  
Overall Length (Metric): 33 m  
Overall Width (Imperial): 20 in  
Overall Width (Metric): 508 mm

## **Scotch® Super Glue Pen AD126-P, .07 oz**

3M ID 70005076693 UPC 00051141919553

### **Details**

Push-point tip for convenience in application  
Non-clogging  
Fast drying  
Bonds to a variety of non-porous surfaces  
Use for wood, metal, ceramic, leather, rubber, some plastics, and more

### **Typical properties**

Acid Free: Yes  
Brands: Scotch®  
Factory ISO Certification: No ISO Certification information available  
Net Weight (Metric): 2 g  
Product Color: Transparent  
Product Type: Quick Fix  
Sizes Available: 0.07 oz  
eClass 14 Classification Group: 23330105

## Scotch® Super Glue Liquid in Precision Applicator

3M ID CBGNHW011136 UPC 00051141917733

### Details

Patented droplet control technology . . . for 60% less mess than metal tube super glue liquids

Ultimate precision - droplets are controlled with easy-squeeze finger pads of dispenser

Clog-resistant "stay fresh" bottle. Avoids dry-out, so you can use the bottle over and over again

Advanced formula super glue liquid

Bonds quickly

Bonds to wood, metal, ceramic, leather, rubber, vinyl, some plastics, and more

### Typical properties

Brands: Scotch®

Container Size (Imperial): 0.14 Ounce

Container Size (Metric): 4 g

Factory ISO Certification: No ISO Certification information available

Net Weight (Metric): 4 g

Product Color: Transparent

Product Type: Quick Fix

Sizes Available: 0.14 oz

eClass 14 Classification Group: 23330105

## **3M™ Scotch-Weld™ Acrylic Adhesive Accelerator A3-2**

### **Details**

**FAST-CURING ACCELERATOR:** Provides handling strength in 1-2 hours, depending on the product

**HIGHLY DURABLE:** Helps to promote impact-resistant bonds

**STRONG AND RELIABLE:** Provides fast strength build-up when combined in a 10:1 B/A mix ratio

**ACCURATE APPLICATION:** Non-sag formula helps control reliable product placement

**MINIMAL SURFACE PREPARATION:** Has a high tolerance for oily and unprepared surfaces

**PRODUCT COMPATIBILITY:** Compatible with the acrylic adhesive series: 8600, 8700, 8900

### **Typical properties**

Adhesive Type: Acrylic

Brands: Scotch-Weld™

Container Size (Imperial): 1 gal

Container Type: Can

Industries: Aerospace, Appliance, Construction, Consumer Goods, Electronics, General Industrial, MRO, Metalworking, Transportation

Physical Form: Liquid

Product Color: Gray

Product Form: Gallon

Product Type: Accelerator

Smallest Saleable Unit: Canister

Storage Temperature (Celsius): 22°C

Storage Temperature (Fahrenheit): 72 Degree Fahrenheit

Viscosity: Non-sag

Volume (Imperial): 1 gal, 5 gal

Volume (Metric): 3.785 L, 4.54 L, 18.927 L, 19 L

eClass 14 Classification Group: 23330504

## **3M™ Adhesion Promoter K500NT**

3M Product Number K500NT 3M ID B40065473

### **Details**

Helps ensure secure attachment tape to automotive parts

Intended for use with EPDM, PP and TPO

Ready to use with common application equipment

Formulated specifically for use with 3M™ Acrylic Foam and 3M™ Acrylic Plus Tapes

Premixed with a UV dye

### **Typical properties**

eClass 14 Classification Group: 23330504

# **3M™ Automotive Adhesion Promoter, Sponge Applicator Packet**

3M Product Number 06396 3M ID B40065518

## **Details**

Helps ensure robust attachment of trim and injection-molded body side moldings

Notched packets open quickly and evenly for efficient use

Dries in as little as 30 seconds

One packet covers up to 150 sq. in

For use on LSE plastics with 3M™ Acrylic Foam Tapes

## **Typical properties**

eClass 14 Classification Group: 23330504

## **3M™ Super Glue Liquid**

3M ID CBGNAWUS2268 UPC 00051141908847

### **Details**

Can be used on wood, leather, ceramic and metal  
Ideal for horizontal surfaces  
Sets in 15 seconds  
Great for craft work  
Available in self piercing tube or squeeze bottle

### **Typical properties**

Factory ISO Certification: No ISO Certification information available  
Net Weight (Imperial): 0.14 oz, 0.35 oz  
Package Contents: 1 Bottle, 2 tubes  
Product Use: Bond Wood, Leather, Ceramic, Metal & other Lightweight Materials  
eClass 14 Classification Group: 23330105

## **3M™ Adhesion Promoter K520UV**

3M Product Number K520UV 3M ID B40065495

### **Details**

Helps improve bond strength of tape to Polyolefin-based substrates  
Ready to use with common application equipment  
Formulated specifically for use with 3M™ Acrylic Foam and 3M™ Acrylic Plus  
Tapes  
Premixed with a UV dye

### **Typical properties**

eClass 14 Classification Group: 23330504



# 3M™ Scotch-Weld™ Rubber Toughened Instant Adhesive RT5000B

## Details

Bonds to a number of substrates, including plastics and rubbers  
Designed for flexible substrates or dissimilar materials  
Precise application: pinch container for a precise drop or squeeze for a steady bead  
High viscosity adhesive is easily applied from the bottle  
Strong, durable and long lasting bond on a variety of substrates  
Fast curing to keep projects moving quickly  
Black in color

## Typical properties

Adhesive Type: Instant Adhesive  
Brands: Scotch-Weld™  
Container Size (Imperial): 0.7 Ounce, 17.64 Ounce  
Container Size (Metric): 20 g, 500 g  
Design Challenges: Impact & Shock Absorption, Noise Vibration & Harshness Control NVH  
For Use On: Plastic: HSE, MSE (ABS, Acrylic, Polycarbonate, Nylon), Wood, Plastic: LSE (Polypropylene, Polyethylene), High Surface Energy, (400-1100 Dynes/cm), Elastomer, Glass, Smooth, Ceramic, Metal, Rubber, Stone, Metal (Painted)  
Full Cure Time: 24 Hours @ 72 F (22 C)  
Gap Fill (Imperial): 0.008 in  
Gap Fill (Metric): 0.203 mm  
Indoor/Outdoor: Both  
Industries: Construction, Consumer Goods, Electronics, General Industrial, MRO, Medical, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Maximum Operating Temperature (Celsius): 82 °C  
Maximum Operating Temperature (Fahrenheit): 180 °F  
Net Weight (Imperial): 0.71 oz, 1 lb  
Net Weight (Metric): 20 g, 453 g  
Physical Form: Liquid  
Product Color: Black  
Product Form: Bottle  
Shear Strength: 2400 psi  
Storage Temperature (Celsius): 22°C  
Storage Temperature (Fahrenheit): 72 F (22 C)  
Units per Case: 1.0, 10.0  
Viscosity: Self-leveling  
Work Time: Substrate Dependent  
eClass 14 Classification Group: 23330105

## **3M™ Structural Adhesive SA9820**

3M Product Number SA9820 3M ID B40066524

### **Details**

Two-part structural adhesive provides design flexibility in automotive structural applications  
Formulated for composite and aluminum bonding in primary automotive structures  
Features high impact and fatigue resistance  
Broad curing windows at temps from 80°C to 140°C and fast cycle times help to reduce distortion  
Two-part structural adhesive provides design flexibility in automotive structural applications  
Formulated for composite and aluminum bonding in primary automotive structures  
Features high impact and fatigue resistance  
Induction not required, but can be induction cured for greater speed  
Compatible with wet and dry lubes to provide good bond strength under various process conditions  
Mix quality can be checked by appearance and color change of the applied or cured adhesive

### **Typical properties**

Application: Body-in-White, Bonding, Fatigue Resistance, Gap Filling, Impact Resistance  
Product Usage: Battery Composite Housings, Hem Flanges  
eClass 14 Classification Group: 23330109

# **3M™ Scotch-Weld™ Neoprene High Performance Contact Adhesive EC-1357**

## **Details**

Rapid build-up for a fast bond with excellent initial strength  
High heat resistance provides long-term durability  
Long bonding range provides time for positioning and adjustments to help assist with exceptional performance  
Can be applied by spray, brush or roller

## **Typical properties**

Adhesive Type: Pressure-sensitive  
Application: Metal Bonding, Rubber Bonding  
Container Size (Imperial): 1 Quart, 1 Gallon, 1 Pint, 5 Gallon, 5 Ounce  
Container Size (Metric): 3.785 Liter, 18.927 Liter, 141.748 g, 568.261 ml, 946.353 ml  
Cure Temperature: Room Temperature  
Density: 0.815 Gram per Liter, 0.84 Gram per Liter  
Factory ISO Certification: No ISO Certification information available  
Form: Liquid  
Percent Volatile: 70 % - 80 %, 74 %  
Product Color: Gray, Light Yellow  
Product Form: Gallon  
Surface Type: Fabric, Foam, Metal, Plastic Honeycomb, Plastic Laminate, Rubber, Wood Veneer  
eClass 14 Classification Group: 23330115

# **3M™ Scotch-Weld™ Structural Adhesive Film AF 130-2, .090 wt, 40 in x 50 yd, 1 Roll/Case**

Part Number AF 130-2 3M Product Number AF 130-2 3M ID 7010366113

## **Details**

Designed for bonding honeycomb to metal and other metal applications  
High performance properties for over the -67 to 400°F (-55 to 204°C)  
temperature range

Bonds to a wide variety of substrates, including metal, honeycomb and  
composite

Compatible with 3M™ Scotch-Weld™ Structural Adhesive Primer EC-2333

## **Typical properties**

Adhesive Type: Epoxy

Application: Bonding, Structural Bonding

Brands: Scotch-Weld™

Cure Rate: 1 hr

Curing Temperature (Celsius): 121 °C

Curing Temperature (Fahrenheit): 250 °F

Factory ISO Certification: No ISO Certification information available

Maximum Operating Temperature (Celsius): 204 °C

Maximum Operating Temperature (Fahrenheit): 400 °F

Minimum Operating Temperature (Celsius): -55 °C

Minimum Operating Temperature (Fahrenheit): -67 °F

Nominal Adhesive Thickness (Imperial): 18 mil

Nominal Adhesive Thickness (Metric): 0.457 mm

Nominal Weight (Imperial): 0.09 lb/ft<sup>2</sup>

Product Color: Yellow

Product Form: Roll

Storage Environment: Freezer Storage

Substrate: Metal

eClass 14 Classification Group: 23330301

## **Dimensions and Classifications**

Overall Length (Imperial): 50 yd

Overall Length (Metric): 45.7 m

Overall Width (Imperial): 40 in

Overall Width (Metric): 1 m

# **3M™ Scotch-Weld™ Structural Adhesive Film AF 46, 1 mil, 44 in x 60 yd, 1 Roll/Case**

Part Number AF 46 3M Product Number AF 46 3M ID 7010330013

## **Details**

Provides excellent adhesion to metal and glass  
Formulated with high shear, peel and cleavage strengths over a wide temperature range  
Produces high degree of film clarity when in contact with a solid surface  
Offers flexible cure cycles  
Relatively low bonding pressures may be used  
Low tack and low flow

## **Typical properties**

Adhesive Type: Epoxy  
Application: Bonding, Surfacing  
Brands: Scotch-Weld™  
Cure Rate: 1 hr  
Curing Temperature (Celsius): 121 °C  
Curing Temperature (Fahrenheit): 250 °F  
Factory ISO Certification: No ISO Certification information available  
Maximum Operating Temperature (Celsius): 175 °C  
Maximum Operating Temperature (Fahrenheit): 350 °F  
Minimum Operating Temperature (Celsius): -55 °C  
Minimum Operating Temperature (Fahrenheit): -67 °F  
Nominal Adhesive Thickness (Imperial): 1 mil  
Nominal Adhesive Thickness (Metric): 0.025 mm  
Nominal Weight (Imperial): 0.006 lb/ft<sup>2</sup>  
Product Form: Roll  
Storage Environment: Refrigeration Storage  
Substrate: Metal  
eClass 14 Classification Group: 23330301

## **Dimensions and Classifications**

Overall Length (Imperial): 60 yd  
Overall Length (Metric): 54.9 m  
Overall Width (Imperial): 4 in  
Overall Width (Metric): 102 mm

# **3M™ Scotch-Weld™ Structural Core Splice Film AF 3028FR, 50 mil, 1-1/4 in x 325 in, 8 Roll/Case**

Part Number AF 3028FR 3M Product Number AF 3028FR 3M ID 7010309768

## **Details**

Variable curing temperature from 250°F (121°C) to 350°F (176°C) helps streamline production

Expands during cure for void filling and core splicing

Low density filler maintains volume against shrinkage

Flame retardant properties help meet multiple aerospace customer specs

Low sag formula

## **Typical properties**

Adhesive Type: Epoxy

Application: Splicing

Brands: Scotch-Weld™

Factory ISO Certification: No ISO Certification information available

Maximum Cure Conditions (Celsius): 177 °C

Maximum Cure Conditions (Fahrenheit): 350 °F

Maximum Operating Temperature (Celsius): 176 °C

Maximum Operating Temperature (Fahrenheit): 350 °F

Minimum Cure Conditions (Celsius): 121 °C

Minimum Cure Conditions (Fahrenheit): 250 °F

Minimum Operating Temperature (Celsius): -55 °C

Minimum Operating Temperature (Fahrenheit): -67 °F

Nominal Adhesive Thickness (Imperial): 50 mil

Nominal Adhesive Thickness (Metric): 1.27 mm

Product Color: Off White

Product Form: Roll

Storage Environment: Freezer Storage

eClass 14 Classification Group: 23330301

## **Dimensions and Classifications**

Overall Length (Imperial): 325 in

Overall Length (Metric): 8.3 m

Overall Width (Imperial): 1.25 in

Overall Width (Metric): 32 mm

## **3M™ Adhesion Promoter K540NTUV**

3M Product Number K540NTUV 3M ID B40065493

### **Details**

Helps ensure secure attachment tape to automotive parts

Intended for use with EPDM, PP and TPO

Ready to use with common application equipment

Formulated specifically for use with 3M™ Acrylic Foam and 3M™ Acrylic Plus Tapes

Premixed with a UV dye

### **Typical properties**

eClass 14 Classification Group: 23330504

## **3M™ Adhesive Sealant 740 UV**

### **Details**

**HIGH-PERFORMANCE BONDING:** Form weather-resistant, malleable bonds between dissimilar materials in vehicular and architectural applications  
**UV RESISTANT:** A distinct ability to withstand the sun's rays allows it to excel in challenging outdoor industrial, transportation, and construction environments  
**FLEXIBLE BONDS:** Maintains elasticity for design flexibility and long-term joint movement  
**PAINTABLE WHEN WET:** This low-VOC sealant forms a skin in 40-60 minutes but can be painted over with water-based paints immediately after application  
**LASTING RESULTS:** Silane Modified Polymer (SMP) adhesive sealants provide durable elastomeric bonds that seal against the elements  
**EASY TO USE:** Single component, moisture-curing sealant fills gaps and simplifies production

### **Typical properties**

Adhesive Type: Silane Modified Polymer  
Application Method: Hand or pressure caulk, Liquid  
Assembly Type: Sealing  
Brands: 3M™  
Container Size (Imperial): 9.806 fl oz (US), 20.288 fl oz (US)  
Container Size (Metric): 290 ml, 600 ml  
Full Cure Time: >3.5 mm/24 hr  
Hardness: >30 Shore A  
Industries: Construction, General Industrial, Transportation  
Modulus at 100%: >140 Pound-Force Per Square Inch  
Permeability: Permeable  
Physical Form: Medium paste  
Product Color: Black, Gray, White  
Product Form: Cartridge, Gallon, Pack  
Product Type: Flashing Accessory  
Solids Weight Percent (Approximate): 98 %  
Tack-free Time: 40 min  
Units per Case: 12.0  
eClass 14 Classification Group: 23330106



## **3M™ Mix & Dispense Equipment - Nozzles**

### **Details**

Polyethylene material offers broad chemical resistance  
Standard tip, bent and roller versions meet a wide range of application needs  
Variety of length and orifice sizes help meet exacting specifications  
Threaded ends provide secure attachment to standard cartridges

### **Typical properties**

Application: Sealing

Brands: 3M™

Factory ISO Certification: No ISO Certification information available

Nozzle Diameter (Imperial): 0.06 in, 0.063 in, 0.094 in, 0.125 in

Nozzle Diameter (Metric): 1.524 mm, 1.6 mm, 2.388 mm, 3.175 mm

Product Type: Nozzle

# **3M™ Scotch-Weld™ Concrete Repair DP600, Gray, Self-Leveling, contains 2 Mix Nozzles, 8.4 fl oz Cartridge, 6/Case**

Part Number DP600 3M Product Number DP600 3M ID 7000046375

## **Details**

Fast, convenient repair of cracks and spalls to horizontal concrete surfaces  
Self-leveling urethane material flows freely into repair areas  
Becomes level and tack-free in as little as 1 minute  
Hardens to any depth in as little as 5 minutes without cracking or shrinking  
Applies easily with common caulking gun

## **Typical properties**

Adhesive Type: Urethane  
Application: Encapsulating, Potting, Sealing  
Brands: 3M™  
Container Size (Imperial): 8.4 fl oz  
Container Size (Metric): 248.42 mL  
Design Challenges: Impact & Shock Absorption, Noise Vibration & Harshness Control NVH  
Hardness: 70 Shore D  
Industries: Construction, MRO, Metalworking, Signage, Specialty Vehicle, Woodworking  
Open Time: 60 seconds @ 72 F (22 C)  
Physical Form: Flowable Liquid  
Product Form: Cartridge  
Set Time: 4 min  
Shear Strength: 2300 psi  
Specific Gravity: 1.1  
Storage Temperature (Celsius): 18°C - 30°C  
Storage Temperature (Fahrenheit): 65-85 Degree Fahrenheit  
Surface Type: Painted  
Units per Case: 6.0  
Volume (Imperial): 8.4 fl oz  
Volume (Metric): 238.67 mL  
Work Life: 5 min  
eClass 14 Classification Group: 23330109

# **3M™ Thermally Conductive Epoxy Adhesive TC-2707**

3M ID B00006193

## **Details**

- High adhesive strength
- Good surface wet out
- Low viscosity for potting application
- Good gap filling
- Thin bonding line
- Good thermal conductivity (0.72 W/m-K)
- Low CL ion content and outgassing

## **Typical properties**

Application: Bonding, Gap Filling, Potting, Thermal Transfer  
Product Usage: Electrical Components, Electronics  
eClass 14 Classification Group: 23330109

## **3M™ Quick Grip Filler, 33181, 1 gal, 4 per case**

3M ID 7100039451 UPC 00051131331815

### **Details**

Filler quickly adheres to many surfaces including galvanized steel  
Vacuum processing provides easy-to-spread consistency and reduce pinholes  
Spreads easily with excellent vertical hang  
Cures and sands quickly and easily without loading abrasives for lower cycle times  
Stain-resistant and tack-free finish helps ensure quality results in collision repair

### **Typical properties**

Application: Dent Fill, Small Dent Repair, Surface Repair  
Brands: 3M™  
Case Quantity: 4.0 Cans per Case  
Consistency: Paste  
Container Size (Imperial): 1 Gallon  
Container Size (Metric): 3.785 Liter  
Container Type: Can  
Container Volume: 102.0 fl oz (US)  
Dry Time: 15 min  
Handling Time: 3 - 5 min  
Paint Time: 45 Minute  
Performance Level: Better  
Product Type: Body Filler  
Sand Time: 15 Minute  
Volume (Imperial): 1 gal  
Volume (Metric): 3 L  
Work Time: 5 min  
eClass 14 Classification Group: 22170700

## **3M™ Platinum™ Filler**

3M ID B40067471

### **Details**

Special formulation delivers superior adhesion to galvanized steel and other substrates

Super smooth, creamy consistency provides easy mixing and spreading

Fast dry time offers sanding in 20 minutes and paint or primer in 45 minutes

Vacuum processing makes the filler virtually pin-hole free

Tack-free/stain-free resin offers reliable results with most primers, coatings and waterborne paints

### **Typical properties**

Application: Dent Fill, Small Dent Repair, Surface Repair

eClass 14 Classification Group: 22170700

# 3M™ Rigid Parts Repair

## Details

Designed for use as a filler and an adhesive  
Excellent for use on rigid plastic and fiberglass parts  
Epoxy-based adhesive is easy to sand  
Formulated for excellent featheredge

## Typical properties

Adhesive Type: Two-Part Epoxy  
Application: Plastic Repair  
Case Quantity: 6.0 Bags per Case  
Consistency: Paste  
Container Size (Imperial): 6.76 fl oz (US), 13.526 fl oz (US)  
Container Size (Metric): 200 ml, 400 ml  
Container Type: Cartridge  
Handling Time: 5 min - 10 min  
Paint Time: 30 Minute  
Product Color: Blue  
Sand Time: 30 Minute  
Volume (Imperial): 6.75 fl oz, 13.5 fl oz  
Volume (Metric): 200 mL, 400 mL  
Work Time: 8 min  
eClass 14 Classification Group: 22170790

# **Bondo® All-Purpose Putty**

3M ID B40067516

## **Details**

Two-part filler bonds to broad range of surfaces for permanent, non-shrink repairs

Cures fast; sandable in 15 minutes for fast same-day repairs

Light gray when mixed, helping blend with surfaces for consistent appearance

Fully paintable and stainable

The performance of the Bondo® brand

White Bondo® Cream Hardener included

## **Typical properties**

Brands: Bondo®

eClass 14 Classification Group: 22170700

## **Bondo® Glazing & Spot Putty**

3M ID B40067521 UPC 00076308006518

### **Details**

Versatile formula repairs scratches, pinholes, holes and nick  
Can be used on paint and primer  
One-part application requires no mixing  
Fast drying – sandable in 30 minutes  
Non-staining to help ensure a consistent paint finish  
Use during the Fill stage of the 3M™ Body Repair System

### **Typical properties**

Application: Dent Fill, Nick Repair, Pinhole Fill, Scratch Repair  
Brands: Bondo®  
Case Quantity: 12.0 Tubes per Case, 6.0 Tubes per Case  
Container Size (Imperial): 4.5 Ounce, 16 Ounce  
Container Size (Metric): 127.573 g, 453.592 g  
Container Type: Tube  
Factory ISO Certification: No ISO Certification information available  
Product Category: Putty  
Product Color: Red  
Product Type: Glaze Putty  
Volume (Imperial): 4.5 fl oz, 16 fl oz  
eClass 14 Classification Group: 22170700



# 3M™ Fastbond™ Contact Adhesive 30H

## Details

FOR INDUSTRIAL USE ONLY: This product is designed exclusively for industrial applications

SPECIAL FORMULATION: Offers high viscosity, making it compatible with roll coating

ADHERES A VARIETY OF SUBSTRATES: Bonds most foamed plastics, plastic laminate, wood, plywood, and canvas

TOUGH, RESILIENT BONDS: Creates a high-strength, high-temperature-resistant bond

LONG BONDING RANGE: Delivers up to a four-hour bonding range

A VARIETY OF APPLICATION METHODS: Can be applied by either brush or roller

NON-FLAMMABLE: Non-flammable in its wet state

## Typical properties

Application: Adhering Floor Coverings, Bond Countertop Laminate to Particle Board, Bond Honeycomb Core to Metal, Bond Polystyrene Foam Panels, Insulation Attachment, Upholstery & Seating Attachment

Application Method: Brush, Roll, Spray

Brands: Fastbond™

Container Size (Imperial): 5 Gallon, 55 Gallon, 270 Gallon

Container Size (Metric): 18.9 Liter, 208.2 Liter, 1022 Liter

Environmental Considerations: GREENGUARD® Certified, Helps contribute to LEED® credits, Low VOC, Ozone Transport Commission, SCAQMD

Flame Retardant: Non-flammable

Heat Resistance: <230 Degree Fahrenheit

Heat Resistance (Celsius): <110 °C

Industries: General Industrial

Open Time: Up to 4 hours

Physical Form: Medium liquid

Product Color: Green

Product Form: Bulk

Solids Weight Percent (Approximate): 42.4 % - 50 %

Units per Case: 1.0

eClass 14 Classification Group: 23330102

## **3M™ Marine Adhesive Sealant 5200**

### **Details**

**POWERFUL MARINE SEALANT:** A permanent solution for bonding marine substrates like wood, fiberglass, and metal

**VERSATILE APPLICATIONS:** Tough yet flexible polyurethane polymer is ideal for deck housings, hull fittings, porthole mounting, fiberglass transoms, and underside molding

**WARD OFF WATER:** Resists saltwater and weathering both above and below the water line

**FLEXIBLE BONDS:** Its elastomeric bond absorbs the stress of vibration, swelling, shrinking, and shock

**LONG WORKING TIME:** Allows plenty of working time, achieving handling strength in 48 hours

### **Typical properties**

Adhesive Type: Polyurethane

Application Method: Hand or pressure caulk

Brands: 3M™

Container Size (Imperial): 0.1 Gal. (US), 1 fl oz (US), 3 fl oz (US), 5 Gal. (US)

Cure Time: 24 hr

Full Cure Time: 3mm per 5 day

Hardness: 68 Shore A

Industries: Marine

Physical Form: Medium paste

Product Color: Black, Mahogany, White

Product Form: Cartridge, Gallon, Tube

Solids Weight Percent (Approximate): 97 %

Surface Type: Metal, Painted Surface

Tack-free Time: 48 hr

Tensile Strength (Imperial): 700 psi

Units per Case: 1.0,12.0,6.0

eClass 14 Classification Group: 23330106

## **3M™ Polyurethane Glass Adhesive Sealant 590**

### **Details**

**BOND DIFFICULT SUBSTRATES:** Engineered specifically for structural glass and window glazing, this adhesive sealant bonds difficult substrates like polycarbonates, acrylics, and flush mounted glass

**VERSATILE APPLICATIONS:** Create durable, flexible, and high-strength bonds that are ideal for windshields and structural glass in transportation, construction, and industrial applications

**FAST CURE TIME:** Forms a skin in 24-40 minutes

**LAB-TESTED PERFORMANCE:** Crash tested to FMVSS 212, suitable for structural glass bonding

**FLEXIBLE BONDS:** An elastomeric bond absorb vibration and seal against the elements

### **Typical properties**

Adhesive Type: Polyurethane

Application Method: Hand or pressure caulk

Assembly Type: Panel to Frame/Stiffener to Panel

Brands: 3M™

Container Size (Imperial): 20.288 fl oz (US), 50 Gal. (US)

Container Size (Metric): 310 ml, 600 ml

Full Cure Time: >3.5 mm/24 hr

Hardness: 60 - 65 Shore A

Industries: General Industrial, Marine, Transportation

Modulus at 100%: >870 Pound-Force Per Square Inch

Physical Form: Medium paste

Product Color: Black

Product Form: Cartridge, Gallon, Pack

Solids Weight Percent (Approximate): 95 %

Surface Type: Painted Surface

Tack-free Time: 25 min - 40 min

Tensile Strength (Imperial): 1450 psi

Units per Case: 1.0,12.0

eClass 14 Classification Group: 23330106

## 3M™ Polyurethane Adhesive Sealant 560

### Details

**HIGH-STRENGTH BONDING:** Made to replace mechanical fasteners and rivets when bonding dissimilar materials like plastics, fiberglass reinforced plastic (FRP), sheet molding compound (SMC), aluminum, steel, coated metal, and wood

**VERSATILE APPLICATIONS:** This single component, moisture-curing sealant allows design flexibility that simplifies panel bonding, metal framework, vehicle flooring attachment, and transportation manufacturing

**PAINTABLE IN MINUTES:** Forms a skin that can be painted on in just 50-60 minutes

**WEATHER RESISTANT:** A distinct ability to withstand the elements allows it to excel in challenging outdoor industrial, transportation, and construction environments between -40 °F (-40 °C) and 194 °F (90 °C)

**FLEXIBLE BONDS:** Mid-range hardness balances tensile strength and elasticity to absorb stress caused by shock, vibration, swelling and shrinking

### Typical properties

Adhesive Type: Polyurethane

Application Method: Hand or pressure caulk

Assembly Type: Panel to Frame/Stiffener to Panel

Brands: 3M™

Container Size (Imperial): 10.5 fl oz (US), 50 Gal. (US)

Container Size (Metric): 18.93 Liter, 189.3 Liter, 310 ml, 400 ml, 600 ml

Full Cure Time: >4 mm/24 hr

Hardness: 55 Shore A

Industries: Construction, General Industrial, Transportation

Modulus at 100%: 145 Pound-Force Per Square Inch

Physical Form: Medium paste

Product Color: Black, Gray, White

Product Form: Cartridge, Drum, Gallon, Sausage

Smallest Saleable Unit: Each

Solids Weight Percent (Approximate): 90 %

Tack-free Time: 1 hr

Tensile Strength (Imperial): 580 psi

Units per Case: 1.0,12.0

Volume (Imperial): 50 fl oz

eClass 14 Classification Group: 23330106

## **3M™ Scotch-Weld™ Acrylic Adhesive DP805**

### **Details**

Creates strong bond with minimal or no surface prep required  
Resists many chemicals, water, humidity and corrosion  
Formulated to bond multi-material assemblies such as plastics, thermoplastics, composites and metals, including oily metals  
Medium viscosity allows controlled dispensing  
3 minute work life with 10 minute handling strength  
Strong adhesive can replace screws, rivets and welding

### **Typical properties**

Adhesion Strength (Imperial): 560 oz/in  
Adhesive Type: Acrylic  
Application: Impact Resistance  
Brands: Scotch-Weld™  
Container Size (Imperial): 1.64 fl oz, 6.76 fl oz  
Container Size (Metric): 48.5 mL, 200 mL  
Full Cure Time: 8 hr - 24 hr  
Hardness: 79 Shore D  
Industries: Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Signage, Specialty Vehicle, Transportation, Woodworking  
Open Time: 3 - 4 min @ 72 °F (22 °C)  
Performance Level: Best  
Physical Form: Flowable Liquid  
Product Form: Cartridge, Each  
Set Time: 10 min  
Shear Strength: 3500 psi  
Specific Gravity: 0.96  
Specifications Met: ASTM E662, Boeing BSS 7239  
Storage Temperature (Celsius): 22°C, 16°C - 27°C  
Storage Temperature (Fahrenheit): 72 Degree Fahrenheit  
Surface Type: Oily, Painted, Powder Coated, Smooth  
Units per Case: 12.0  
Volume (Imperial): 1.71 fl oz, 6.8 fl oz  
Volume (Metric): 48.5 mL, 200 mL  
Work Life: 5 min  
eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Epoxy Adhesive DP100FR

## Details

UL 94 V-0 certified, FAR 25.853 60 second vertical burn test  
Adhesive formula cures rigid for high static load holding  
High shear ensures a permanent bonds  
Fast 6 minute work life with handling strength in about 15 minutes at room temperature  
Non-sag formulation ensures adhesive stays where applied

## Typical properties

Adhesive Type: Epoxy  
Application: Encapsulating, Potting, Sealing  
Brands: Scotch-Weld™  
Container Size (Imperial): 1.64 fl oz, 5 gal, 6.76 fl oz  
Container Size (Metric): 18.93 L, 48.5 mL, 200 mL  
Design Challenges: Noise Vibration & Harshness Control NVH  
Hardness: 87 Shore D  
Industries: Construction, Consumer Goods, Electronics, General Industrial, MRO, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Open Time: 6 min @ 72 °F (22 °C)  
Performance Level: Best  
Physical Form: Flowable Liquid  
Product Form: Cartridge, Each  
Set Time: 20 min, 5 min  
Shear Strength: 2200 psi, 3500 psi  
Smallest Saleable Unit: Each  
Specific Gravity: 1.2,1.3,1.25  
Specifications Met: FAR 25.853, UL 94 V-0  
Storage Temperature (Celsius): 22°C,16°C - 27°C  
Storage Temperature (Fahrenheit): 60 °F - 80 °F,72 Degree Fahrenheit  
Surface Type: Smooth, Unpainted  
Units per Case: 1.0,12.0  
Volume (Imperial): 1.71 fl oz, 5 gal, 6.8 fl oz  
Volume (Metric): 18.9 L, 48.5 mL, 200 mL  
Work Life: 4 - 8 min  
eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Epoxy Adhesive 2216NS

## Details

**MANY SUBSTRATES:** Aluminum and other metals, wood, glass, stone, and various plastics

**VERSATILE APPLICATIONS:** Bonds metals and other substrates in construction, specialty vehicle, among many others

**LONG-LASTING STRENGTH:** Withstands the impact of expansion and contraction

**NON-SAG FORMULA:** Made to apply accurately and with precision for greater bond line control

**OPPORTUNITY TO ADJUST:** Allows up to 120 minutes of working time

**FAST HEAT CURING:** Fully cured in 30 minutes at 200 °F (93 °C)

**COLOR:** Tan

## Typical properties

Adhesive Type: Epoxy

Application: Bonding

Brands: Scotch-Weld™

Container Size (Imperial): 5 gal

Container Size (Metric): 18.93 L

Hardness: 65 - 70 Shore D

Industries: Construction, Consumer Goods, Electronics, General Industrial, Military & Government, Specialty Vehicle, Transportation

Open Time: 120 min @ 72 °F (22 °C)

Physical Form: Paste

Set Time: 10 hr

Shear Strength: 2500 psi

Specific Gravity: 1.29, 1.36

Storage Temperature (Celsius): 22°C

Storage Temperature (Fahrenheit): 72 Degree Fahrenheit

Units per Case: 1.0

Volume (Imperial): 5 gal

Volume (Metric): 18.927 L

eClass 14 Classification Group: 23330109

## **3M™ Hot Melt Adhesive 3738**

### **Details**

50 second open time allows for positioning  
General purpose 100% solids adhesive  
Ideal for POP displays, carton sealing, furniture, upholstery, and woodworking

### **Typical properties**

Adhesive Type: Ethylene Vinyl Acetate  
Application: Mounting & Trim Attachment, Small Joint Assembly  
Application Method: Applicator, Bulk Process, Handheld Process, Spray  
Brands: 3M™  
Case Quantity: 11.0 Bags per Case  
Container Size (Imperial): 11 lb., 22 lb., 950 lb.  
Container Size (Metric): 5 kg, 10 kg, 430.9 kg  
Form: Flowable Liquid  
Heat Resistance: 130 Degree Fahrenheit  
Heat Resistance (Celsius): 54 °C, 57.2°C  
Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, Military & Government, Packaging, Retail, Signage, Specialty Vehicle, Transportation, Woodworking  
Maximum Operating Temperature (Fahrenheit): 130 °F  
Open Time: 50 Seconds  
Product Color: Tan  
Product Form: Pound, Stick  
Shear Strength: 375 psi  
Smallest Saleable Unit: Case  
Solids Weight Percent (Approximate): 100 %  
Temperature Setting for EC Heat Gun: 4  
eClass 14 Classification Group: 23330104

### **Dimensions and Classifications**

Overall Length (Imperial): 2 in, 3 in, 8 in, 12 in  
Overall Length (Metric): 0.05 m, 0.07 m, 0.2 m, 0.3 m  
Overall Width (Imperial): 0.45 in, 0.62 in, 1 in  
Overall Width (Metric): 11.4 mm, 15.9 mm, 25.4 mm



# 3M™ Nitrile High Performance Plastic Adhesive 1099

## Details

FOR INDUSTRIAL USE ONLY: This product is designed exclusively for industrial applications

HIGH-PERFORMANCE ADHESION: Forms strong bonds on most vinyls and plastics

HIGH-STRENGTH: Provides strong, quick-drying bonds at room temperature, with 40 minutes of working time

TEMPERATURE-ACTIVATED BENEFITS: Optional heat curing increases bond strength

APPLY YOUR WAY: Capable of being applied with industrial-grade spray equipment

## Typical properties

Application Method: Brush, Flow

Assembly Type: Gasket Attachment

Brands: 3M™

Case Quantity: 36.0 Bags per Case

Container Size (Imperial): 1 Quart, 1 Gallon, 5 fl oz (US), 5 Gallon, 55 Gallon

Container Size (Metric): 1 Liter, 3.8 Liter, 20 Liter, 150 ml, 208.2 Liter

Environmental Considerations: Low VOC, Ozone Transport Commission, SCAQMD

Flame Retardant: Yes

Form: Liquid, Paste

Heat Resistance: <230 Degree Fahrenheit

Industries: Consumer Goods, Furniture, General Industrial, MRO, Signage

Material: Plastic

Open Time: Up to 40 min

Physical Form: Medium liquid, Thin liquid

Product Color: Light Tan

Product Form: Bulk, Tube

Product Type: Adhesive

Solids Weight Percent (Approximate): 31 % - 37 %

Surface Type: Plastic, Rubber, Vinyl

Units per Case: 36.0, 1.0, 12.0, 4.0

eClass 14 Classification Group: 23330115

# 3M™ Scotch-Weld™ PUR Adhesive TE031

## Details

Fast 30 seconds set time for fast-paced processes and productivity  
Creates high-strength bonds that are plasticizer resistant  
Bonds to a variety of materials, including wood and plastics  
100% solids formula with no VOCs  
120 seconds open time for joining parts together  
Available in white/off-white and black  
One component adhesive for easy application with no mixing or guesswork  
Designed for use with the 3M™ Scotch-Weld™ PUR Applicator and unique disposable nozzles

## Typical properties

Adhesive Type: Urethane  
Application Method: Extruded from hand held or bench mounted applicators, It is dispensed with bulk application equipment  
Application Temperature From (Celsius): -55 °C  
Application Temperature To (Celsius): 80 °C  
Brands: Scotch-Weld™  
Container Size (Imperial): 0.1 Gallon, 4.4 lb., 5 Gal. (US)  
Container Size (Metric): 2 kg, 18.9 Liter, 310 ml  
Full Cure Time: 24 hr  
Hardness: 50 Shore D  
Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, Military & Government, Packaging, Retail, Signage, Specialty Vehicle, Transportation, Woodworking  
Open Time: 2 min  
Product Color: Black, White  
Product Form: Bag, Cartridge, Pound  
Set Time: 15 sec - 30 sec  
Smallest Saleable Unit: Canister  
Solids Weight Percent (Approximate): 100 %  
Storage Temperature (Celsius): 16 to 27 °C  
Storage Temperature (Fahrenheit): 60 to 80 Degree Fahrenheit  
Units per Case: 1.0,5.0,6.0  
Viscosity: Self-leveling  
eClass 14 Classification Group: 23330104

## **3M™ Scotch-Weld™ Urethane Adhesive 3549, Brown, Part B/A, 2 Quart, 6 Kit/Case**

3M Product Number 3549 3M ID 7000046485 UPC 00021200209024

### **Details**

Two part urethane delivers extremely tough, flexible bonds  
Designed for vertical and other applications that require no slumping or sagging of the adhesive bead  
Low-temperature flexibility  
Flexible adhesive that is capable of bonding dissimilar substrates  
Brown color

### **Typical properties**

Adhesive Type: Urethane  
Application: Encapsulating, Impact Resistance, Potting, Sealing  
Brands: Scotch-Weld™  
Container Size (Imperial): 1 qt  
Container Size (Metric): 0.95 L  
Design Challenges: Impact & Shock Absorption, Noise Vibration & Harshness Control NVH  
Industries: Construction, General Industrial, MRO, Metalworking, Military & Government, Signage, Specialty Vehicle, Woodworking  
Open Time: 60 min @ 72 °F (22 °C)  
Performance Level: Better  
Physical Form: Paste  
Product Form: Kit  
Set Time: 8 hr  
Shear Strength: 2000 psi  
Specific Gravity: 1.31  
Storage Temperature (Celsius): 22°C  
Storage Temperature (Fahrenheit): 72 Degree Fahrenheit  
Surface Type: Rough  
Units per Case: 6.0  
Volume (Imperial): 1 qt  
Volume (Metric): 950 mL  
Work Life: 40 min  
eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Metal Bonder Acrylic Adhesive DP8407NS

## Details

**PROFESSIONAL-GRADE ADHESIVE:** Bonds to bare, oily metals, as well as a wide variety of other materials, including most plastics

**VERSATILE APPLICATION:** Ideal for specialty vehicles, HVAC, signage, appliances, and metal fabrication

**FOR POWDER COATING OR PAINTING:** Withstands powder coat and paint bake cycles up to 400 °F (200 °C) for at least 30 minutes

**TOUGH AND LASTING BONDS:** Offers high durability and impact strength in a temperature as low as -40 °F (-40 °C)

**TIME TO ADJUST:** Offers up to 7 minutes of project adjustment time

**CURING TIME:** Fully cured in approximately 24 hours at a temperature of 73 °F (23 °C)

**LITTLE PREP TIME:** Works with minimal surface preparation, such as slightly oily metal bonding

## Typical properties

Adhesive Type: Acrylic

Application: Impact Resistance

Brands: Scotch-Weld™

Container Size (Imperial): 1.52 fl oz, 5 gal, 16.57 fl oz

Container Size (Metric): 18.93 L, 45 mL, 490 mL

Industries: Aerospace, Appliance, Automotive, Construction, Consumer Goods, Electronics, General Industrial, MRO, Metalworking, Signage, Specialty Vehicle, Transportation, Woodworking

Product Form: Cartridge, Each

Shear Strength: 4500 psi

Smallest Saleable Unit: Each

Surface Type: Oily, Rough, Smooth

Units per Case: 12.0,6.0

Volume (Imperial): 1.52 fl oz, 16.6 fl oz

Volume (Metric): 45 mL, 490 mL

Work Life: 20 min, 4 - 8 min

eClass 14 Classification Group: 23330109

## **3M™ All Purpose Sealant Primer P591**

### **Details**

**COMPATIBLE WITH MOST SURFACES:** Maximizes bonding on acrylics, polycarbonates, polyester, metal, glass, and plastics

**VERSATILE APPLICATION:** Improves bond integrity in applications across the marine, rail, automotive, and specialty vehicle industries

**CREATE A STRONGER BOND:** Promotes adhesion and increases bond durability on medium-low energy surfaces

**PROTECTS AGAINST MOISTURE:** Its ability to prepare moisture resistant bonds is excellent for mounting portholes, panels, and windshields on vehicles prone to wet environments

**GET THE MOST OUT OF 3M ADHESIVES:** This low-viscosity adhesive promoter is made for use with 3M Polyurethane Adhesives Sealants 500-Series and 3M Silane Modified Polymer Adhesive Sealants 700-Series

### **Typical properties**

Application: Adhesion Promotion, Adhesion improvement, Primer

Application Method: Brush, Felt-tipped applicator

Application Temperature-Environment: 41 °F - 95 °F

Application Temperature-Environment (Metric): 5 °C - 35 °C

Brands: 3M™

Composition: Solvent Based

Full Cure Time: 15 min

Industries: General Industrial

Product Color: Black

Product Form: Bottle

Product Type: Primer

Solids Weight Percent (Approximate): 35 %

Solvent: MEK

Surface Type: Acrylic, Glass, PMMA, Plastic, Polycarbonate

Volume (Imperial): 8.45 fl oz, 33.814 fl oz

Volume (Metric): 1 L, 250 mL

eClass 14 Classification Group: 23330504

## **3M™ Platinum™ Plus Glaze, 31180, 30 fl oz, 6 per case**

3M ID 7000045509 UPC 00051131311800

### **Details**

**SANDABLE IN MINUTES:** Allows sanding in as little as 15 minutes to help speed up project progress

**HIGH ADHESION:** Bonds well to galvanized steel, E-coat, metal, aluminum, fiberglass, SMC, OEM topcoats, cured epoxy, and urethane primers

**USER FRIENDLY:** Stain and tack-free properties help ensure high-quality results

**PINHOLE-FREE FINISH:** Formulated to leave a smooth, consistent layer without any pinholes

### **Typical properties**

Application: Applying Body Filler, Small Dent Repair, Surface Repair

Brands: Platinum™

Case Quantity: 6.0 Kits per Case

Consistency: Thick Liquid

Container Size (Imperial): 30 fl oz (US)

Container Size (Metric): 852.391 ml

Container Type: Pump

Container Volume: 30.0 Ounce

Dry Time: 20 min

Handling Time: 3 - 5 min

Material: Polyester Resin

Paint Time: 45 Minute

Performance Level: Best

Product Color: Green

Product Form: Thick Liquid

Product Type: Finishing Glaze

Sand Time: 20 Minute

Surface Type: Aluminum, Ceramic, Fiberglass, Metal, Paint, Painted Metal, Plastic, Primed Metal, Primer, SMC, Steel, Wood, eCoat

Volume (Imperial): 30 fl oz

Volume (Metric): 887 mL

Work Time: 5 min

eClass 14 Classification Group: 22170700

## **3M™ Reinforcement Patch, 04904, 5 in x 12 ft roll, 6 per case**

3M ID 7000121599 UPC 00051131049048

### **Details**

Designed specifically for reinforcement during repair of flexible auto components  
Structural gauze delivers strength and flexibility for repairing bumpers and fasciae

Structural gauze delivers strength and flexibility for repairing bumpers and fasciae

Thin patch cuts easily and makes for easy layering with less bulging than glass cloth or mat

Plastic release liner makes patches easy to apply without touching wet materials

### **Typical properties**

Application: Plastic Repair, Repairing Surface Defects

Brands: 3M™

Case Quantity: 6.0 Bags per Case

Product Color: White

Product Type: Reinforcement Patch

eClass 14 Classification Group: 23330000

### **Dimensions and Classifications**

Overall Length (Imperial): 12 ft

Overall Length (Metric): 3.66 m

Overall Width (Imperial): 5 in

Overall Width (Metric): 127 mm

# 3M™ Scotch-Weld™ Low Odor Acrylic Adhesive DP810NS

## Details

Low odor adhesive is ideal for any setting where harsh fumes or flammability are an issue  
Delivers non-sag formulation so adhesive stays where applied  
Provides high shear and peel strength and is toughened for impact resistance  
10 minute work life and 20 minute handling strength  
Bonds oily metals with minimal surface prep  
Bonds most plastics, composites and metals

## Typical properties

Adhesion Strength (Imperial): 320 oz/in  
Adhesive Type: Acrylic  
Application: Impact Resistance  
Brands: Scotch-Weld™  
Container Size (Imperial): 1.64 fl oz, 5.28 gal, 6.76 fl oz, 13.52 fl oz  
Container Size (Metric): 20 L, 48.5 mL, 200 mL, 400 mL  
Design Challenges: Impact & Shock Absorption, Noise Vibration & Harshness Control NVH  
Features: Low Odor  
Full Cure Time: 8 hr - 24 hr  
Industries: Automotive, Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Military, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Open Time: 10 min @ 72 °F (22 °C)  
Performance Level: Best  
Physical Form: Flowable Liquid  
Product Form: Cartridge  
Set Time: 10 min  
Shear Strength: 4200 psi  
Smallest Saleable Unit: Each  
Specific Gravity: 1.07  
Storage Temperature (Celsius): 0°C, 4 °C  
Storage Temperature (Fahrenheit): 32 °F, ≤40 Degree Fahrenheit  
Surface Type: Oily, Painted, Powder Coated, Smooth, Unpainted  
Units per Case: 1.0, 12.0, 6.0  
Volume (Imperial): 1.71 fl oz, 5 gal, 6.76 fl oz, 13.52 fl oz  
Volume (Metric): 20 L, 48.5 mL, 200 mL, 400 mL  
Work Life: 10 min  
eClass 14 Classification Group: 23330109



## **3M™ Platinum™ Glaze, 05862, 276 mL DMS Cartridge, 6 per case**

Part Number 05862 3M ID 7000120075 UPC 00051131058620

### **Details**

Premium polyester glazing putty fills and repairs surface imperfections  
Excellent adhesion to steel, galvanized steel, aluminum, E-coat, OEM paint and SMC  
Self-leveling properties make application easy  
Sandable in only 15 minutes  
Great for repairing hail storm damage

### **Typical properties**

Application: Small Dent Repair  
Brands: 3M™  
Case Quantity: 6.0 Bags per Case  
Consistency: Thick Liquid  
Container Size (Imperial): 9.33 fl oz (US)  
Container Size (Metric): 276 ml  
Container Type: Cartridge  
Container Volume: 9.3 fl oz (US)  
Dry Time: 20 min  
Handling Time: 2 min - 3 min  
Material: Polyester Resin  
Paint Time: 45 Minute  
Performance Level: Best  
Product Color: Blue, White  
Product Type: Finishing Glaze  
Sand Time: 12 Minute  
Surface Type: Aluminum, Fiberglass, Metal, Paint, Primer, SMC, Steel, eCoat  
Volume (Imperial): 9.3 fl oz  
Volume (Metric): 276 mL  
Work Time: 4 min  
eClass 14 Classification Group: 22170700

## **3M™ Headliner Adhesive**

3M ID B40069438

### **Details**

Exceptional strength bonds heavyweight automotive headliners  
Versatile formula effectively bonds headliners to metal and plastic  
Aerosol can dispenses a controlled, even layer on surfaces  
Recommended for automotive headliners in vehicles  
Formula dries in 30 to 60 minutes

### **Typical properties**

eClass 14 Classification Group: 23330115

## **3M™ Scotch-Weld™ PUR Adhesive Applicator Accessory**

### **Details**

Hardware and accessories help extend the life of your PUR system  
Easy-to-fit replacement parts help you save both time and labor costs  
Authentic 3M replacement parts feature quality you can trust

### **Typical properties**

Brands: Scotch-Weld™

Equipment Type: Application Tool

Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, Metalworking, Military & Government, Packaging, Retail, Signage, Specialty Vehicle, Transportation, Woodworking

Product Form: Bag, Each, Kit

Product Type: Accessory, Air Coupler Filter Kit, Air Supply Line Kit, Air Valve Kit, Cap, Connector, Exhaust Assembly Replacement Kit, Heat Tube Kit, Nozzle, Power Cord Kit, Seal, Stand, Tip, Tube, Valve

Solids Weight Percent (Approximate): 100 %

Units per Case: 1.0,3.0

# **3M™ Thermally Conductive Epoxy Adhesive TC-2810**

3M ID B00006335

## **Details**

- High adhesive strength
- Slight tack allows pre-assembly
- Good surface wet out
- Low viscosity for potting application
- Good gap filling
- Thin bonding line
- Good thermal conductivity (1.0-1.4 W/m-K)
- Low CL ion content and outgassing

## **Typical properties**

Application: Bonding, Gap Filling, Potting, Thermal Transfer  
Product Usage: Electrical Components, Electronics  
eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Structural Adhesive EC-3984, 1 qt, 12 Can/Case

Part Number EC-3984 3M Product Number EC-3984 3M ID 7000000914

## Details

Excellent strength from -67°F (-55°C) to 300°F (149°C)  
One-part formula for easier spray application of the adhesive  
Viscosity minimizes blockage on perforated acoustic components  
Formulated to permit low pressure bonding  
High and low temperature performance provides high structural strength at elevated temperatures

## Typical properties

Adhesive Type: Epoxy  
Application: Composite Bonding, Metal Bonding, Metal to Composite Bonding  
Brands: Scotch-Weld™  
Composition: Solvent Based  
Container Size (Imperial): 1 Quart  
Container Size (Metric): 0.95 Liter  
Cure Rate: 1 hr  
Cure Temperature (Celsius): 121 °C  
Cure Temperature (Fahrenheit): 250 °F  
Density: 0.88 g/cc  
Factory ISO Certification: No ISO Certification information available  
Percent Volatile: 75 % - 85 %  
Product Color: Blue  
Shelf Life: 6 Month  
eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Structural Adhesive Film AF 3109-2

## Details

Designed for 250°F (120°C) cure or 350°F (175°C)  
Adhesive can be cured from 225°F (107°C) up to 350°F (175°C)  
Excellent shop handling characteristics  
Excellent pre-bond humidity performance on composite substrates  
Unsupported version available for reticulation  
High-fracture toughness and peel strength

## Typical properties

Adhesive Type: Epoxy, Epoxy Film Adhesive  
Application: Bonding, Structural Bonding, Surfacing  
Cure Rate: 1 hr  
Factory ISO Certification: No ISO Certification information available  
Maximum Cure Conditions (Celsius): 177 °C  
Maximum Cure Conditions (Fahrenheit): 350 °F  
Maximum Operating Temperature (Celsius): 150 °C  
Maximum Operating Temperature (Fahrenheit): 300 °F  
Minimum Cure Conditions (Celsius): 107 °C, 121 °C  
Minimum Cure Conditions (Fahrenheit): 224.6 °F, 250 °F  
Minimum Operating Temperature (Celsius): -55 °C  
Minimum Operating Temperature (Fahrenheit): -67 °F  
Nominal Weight (Imperial): 0.015 lb/ft<sup>2</sup>, 0.035 lb/ft<sup>2</sup>, 0.045 lb/ft<sup>2</sup>, 0.06 lb/ft<sup>2</sup>, 0.085 lb/ft<sup>2</sup>  
Product Color: Blue  
Storage Environment: Freezer Storage  
Substrate: Composite, Metal  
eClass 14 Classification Group: 23330301

## Dimensions and Classifications

Overall Length (Imperial): 25 yd, 36 yd, 50 yd  
Overall Length (Metric): 22.9 m, 33 m, 45.7 m  
Overall Width (Imperial): 36 in, 48 in  
Overall Width (Metric): 0.9 m, 1.2 m

# **3M™ Scotch-Weld™ Structural Void Filling Compound EC-3550 B/A FST**

## **Details**

Lightweight pumpable filling compound provides tough, easy-to-finish volume  
Low density, FST (Fire Smoke and Toxicity) void filler saves weight  
Simplified prep and cleanup eliminates weighing, mixing and potential re-packaging  
No hand-mix formula reduces labor cost and process time  
Non-sag compound dispenses easily remains in place until cured  
Tough consistency when cured allows for drilling without edge chipping

## **Typical properties**

Adhesive Type: Epoxy  
Application: Edge Finishing, Edge and Void Filling  
Application Life: 120 Minute  
Compressive Strength: 24 MPa (3500 psi)  
Container Size (Imperial): 15 Gallon, 380 ml  
Cure Rate: 48 hr  
Cure Temperature: Room Temperature  
Density: 0.58 g/cc  
Factory ISO Certification: No ISO Certification information available  
Flame Retardant: FST  
Industries: Transportation  
Meets Specifications: 14 CFR-25.853(a)(d), ABD-0031  
Product Color: Light Brown  
Product Form: Cartridge, Kit(set)  
Time to Handling Strength: 6-9 Hours  
Work Life: 120 min @ Room Temperature  
eClass 14 Classification Group: 22170700

# 3M™ Scotch-Weld™ Low Odor Acrylic Adhesive DP8825NS

## Details

23 minute work life with 53 minutes to structural strength  
Low odor and non-flammable properties for a safer working environment compared to typical acrylic adhesives  
Durable finished bond with excellent shear and high impact strength  
Bonds difficult surfaces such as powder coats and most plastics  
18-month room temperature shelf life simplifies inventory management  
Features spacer beads to control bond line thickness

## Typical properties

Adhesive Type: Acrylic  
Application: Impact Resistance  
Brands: Scotch-Weld™  
Container Size (Imperial): 1.52 fl oz, 5 gal, 16.57 fl oz, 55 gal  
Container Size (Metric): 18.93 L, 45 mL, 208.2 L, 490 mL  
Design Challenges: Impact & Shock Absorption, Noise Vibration & Harshness Control NVH  
Features: Low Odor  
Full Cure Time: 24 hr  
Industries: Metalworking, Signage, Specialty Vehicle, Woodworking  
Performance Level: Best  
Product Form: Cartridge  
Set Time: 25 min  
Smallest Saleable Unit: Each  
Storage Temperature (Celsius): 21°C  
Storage Temperature (Fahrenheit): 70 °F  
Surface Type: Oily, Smooth  
Volume (Imperial): 1.58 fl oz, 5 gal, 17.25 fl oz, 55 gal  
Volume (Metric): 19 L, 45 mL, 250.06 L, 490 mL  
Work Life: 22 - 24 min  
eClass 14 Classification Group: 23330109



## **3M™ Adhesion Promoter K500**

3M Product Number K500 3M ID B40065494

### **Details**

Improves bond strength of tape to ABS, EPDM, PP, TPO and other blends

Solvent system dries quickly

Ready to use with common application equipment

Formulated specifically for use with 3M™ Acrylic Foam Tapes

### **Typical properties**

eClass 14 Classification Group: 23330504

# 3M™ Marine Adhesive Sealant Fast Cure 4200FC

## Details

**HIGH-PERFORMANCE SEALING:** Form weather-resistant, malleable bonds between dissimilar surfaces and a wide range of marine substrates like wood, fiberglass, and metal

**MULTI-PURPOSE MARINE SEALANT:** This medium-strength marine sealant bonds portholes, deck fittings, rub rails, screw holes, and stanchion supports while still allowing disassembly

**FAST CURING:** Formulated for fast cure and rapid results, its tack-free in 1 hour and typically cures in 24 hours

**READY FOR WET CONDITIONS:** Excels in applications both above and below the water line

**FLEXIBLE BONDS:** Durable elastomeric adhesion maintains joint movement and withstands stress caused by shock, vibration, swelling and shrinking

## Typical properties

Adhesive Type: Polyurethane

Application Method: Hand or pressure caulk

Brands: 3M™

Container Size (Imperial): 3 fl oz (US), 10 fl oz (US), 50 Gal. (US)

Container Size (Metric): 88.7 ml, 189.3 Liter, 295 ml

Full Cure Time: 24 hr

Hardness: 40 Shore A

Industries: Marine

Modulus at 100%: 150 Pound-Force Per Square Inch

Product Color: Black, White

Product Form: Cartridge, Gallon, Tube

Solids Weight Percent (Approximate): 90 %

Surface Type: Metal, Painted Surface

Tack-free Time: 1 hr, 90 min

Tensile Strength (Imperial): 300 psi

Units per Case: 12.0,6.0

eClass 14 Classification Group: 23330106

# **3M™ Thermal Bonding Film AF111**

3M ID B10454895

## **Details**

Moderate tack  
Thick 10 mil caliper  
250 degree F (121 degree C) cure  
High metal OLS and peel adhesion  
High flow  
40 degree F (4 degree C) storage required

## **Typical properties**

eClass 14 Classification Group: 23330301

## **3M™ Super Weatherstrip and Gasket Adhesive, 08581, 2 fl oz Tube, Black, 12 per case**

Part Number 08581 3M Product Number 08581 3M ID 60455058432

### **Details**

Forms flexible, waterproof bond that resists vibration  
Easy to brush and spread right from the tube, saving time  
Resists oils, solvents, detergents and temperature changes for permanent repairs  
Bonds to a range of surfaces including vinyl, metal, fabrics and rubber  
Durable and long-lasting formula

### **Typical properties**

Brands: 3M™  
Case Quantity: 12.0 Tubes per Case  
Container Type: Tube  
Factory ISO Certification: No ISO Certification information available  
Form: Paste  
Product Color: Black  
Volume (Imperial): 2 fl oz  
Work Time: 1-5 Minutes  
eClass 14 Classification Group: 23330115

## **3M™ Black Super Weatherstrip and Gasket Adhesive, 08008, 5 fl oz, 6 per case**

Part Number 08008 3M ID 60455055602 UPC 00051135080085

### **Details**

BONDS weatherstripping, headliners, gaskets and more  
FORMS FLEXIBLE, waterproof bond that resists vibration  
EASY TO BRUSH and spread right from the tube, saving time  
RESISTS oils, solvents, detergents and temperature changes for permanent repairs  
BONDS to a range of surfaces including vinyl, metal, fabrics and rubber

### **Typical properties**

Brands: 3M™  
Case Quantity: 6.0 Cartons per Case  
Container Size (Imperial): 5 fl oz (US)  
Container Size (Metric): 147.87 ml  
Container Type: Tube  
Container Volume: 5.0 fl oz (US)  
Factory ISO Certification: No ISO Certification information available  
Form: Paste  
Product Color: Black  
Product Form: Tube  
Surface Type: Paper, Rubber  
Volume (Imperial): 5 fl oz  
Work Time: 1-5 Minutes  
eClass 14 Classification Group: 23330115

## **3M™ Maintenance Adhesive Kit TPA150, 1/Case**

3M ID 7010319129 UPC 00054007558804

### **Details**

Environmental sealing between heat shrinkable components  
Two-part epoxy adhesive

### **Typical properties**

Brands: 3M™  
Container Size (Imperial): 0.37 lb  
Container Size (Metric): 0.17 kg  
eClass 14 Classification Group: 23330109

# **3M™ Scotch-Weld™ Structural Adhesive EW2050**

3M ID B10469505

## **Details**

Low temperature curable (80 degree C)  
110 degree C of glass transition temperature  
Fast cure at high temperature  
Heat trigger type cure  
Requires heat to cure  
Does not require mixing

## **Typical properties**

Product Color: White  
eClass 14 Classification Group: 23330109

# **3M™ Scotch-Weld™ Structural Adhesive EW3020**

3M ID B10061975

## **Details**

Low temperature curable (100 degree C)  
115 degree C of glass transition temperature  
Halogen compliant  
Requires heat to cure  
Does not require mixing

## **Typical properties**

eClass 14 Classification Group: 23330109



## **3M™ Scotch-Weld™ Low Odor Acrylic Adhesive DP8725NS**

### **Details**

**KEY SUBSTRATES:** Bonds to plastics, composites, painted surfaces, aluminum, stainless steel, and active metals

**VERSATILE USE:** Made for applications in transportation, rail, signage, sporting goods repair, and a variety of other industries

**MINIMAL SURFACE PREPARATION:** Bonds to substrates without in-depth surface preparation, including slightly oily surfaces

**HIGH-PERFORMANCE:** Maintains structural strength in a temperature as low as -40 °C (-40 °F)

**OPEN TIME:** Allows approximately 23 minutes for project adjustment

**FAST-HANDLING:** Offers handling strength in 25-30 minutes

**A FULL CURE:** Completely cured in 24 hours at a temperature of 73 °F (23 °C)

**KEY SPECIFICATIONS:** Nonflammable classification and low-odor formulation

**DIGITAL DISPENSING ASSISTANT:** Help reduce setup time using a free automation tool for time-pressure automated systems

**PRODUCT OPTIONS:** Available in bulk form or a Duo-Pak (DP)

### **Typical properties**

Brands: Scotch-Weld™

Container Size (Imperial): 1.52 fl oz

Container Size (Metric): 45 mL

Set Time: 22 min - 25 min

Smallest Saleable Unit: Each

Volume (Imperial): 1.522 fl oz, 5 gal, 16.569 fl oz, 55 gal

Volume (Metric): 18.927 L, 45 mL, 208.198 L, 490 mL

eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Epoxy Adhesive 2216 Translucent

## Details

**A RANGE OF SUBSTRATES:** Adheres to a variety of similar and dissimilar substrates, including metals, masonry, ceramic, glass, metal, and most plastics

**VERSATILE USE:** Ideal usage in the transportation, construction, general aerospace, and appliance repair industries

**HIGH-STRENGTH:** Creates a strong and long-lasting bond through environmental conditions

**RESISTANT TO VIBRATION AND FLEXING:** This product offers strong bonding to absorb the impact of shock, vibration, and flexing

**REPOSITION AND ADJUST:** Offers up to 120 minutes of working time

**FAST-SETTING:** A full cure can be accomplished in 60 minutes at 200 °F (93 °C)

**COLOR:** Translucent

## Typical properties

Adhesive Type: Epoxy

Application: Bonding, Encapsulating, Impact Resistance, Potting, Sealing

Application Temperature From (Celsius): -55 °C

Application Temperature To (Celsius): 80 °C

Brands: Scotch-Weld™

Container Size (Imperial): 1 gal, 1 qt, 2 fl oz, 5 gal

Container Size (Metric): 0.95 L, 3.78 L, 18.93 L, 59.15 mL

Design Challenges: Impact & Shock Absorption, Noise Vibration & Harshness Control NVH

Hardness: 35 - 50 Shore D

Industries: Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking

Open Time: 120 min @ 72 °F (22 °C)

Performance Level: Good

Physical Form: Flowable Liquid

Product Form: Kit

Set Time: 12 hr - 16 hr

Shear Strength: 3200 psi

Specific Gravity: 1.07, 1.17, 0.97

Specifications Met: UL 94 HB

Storage Temperature (Celsius): 22°C

Storage Temperature (Fahrenheit): 72 Degree Fahrenheit

Surface Type: Painted, Powder Coated, Unpainted, Very Rough

Units per Case: 1.0, 2.0, 6.0

Viscosity Range (cps) at Room Temperature: 10000

Volume (Imperial): 1 gal, 1 qt, 2 fl oz, 5 gal

Volume (Metric): 4.55 L, 19 L, 60 mL, 950 mL

Work Life: 90 min

eClass 14 Classification Group: 23330109

# 3M™ Hi-Strength Postforming 94 CA Bulk Adhesive

## Details

Provides a longer open time and more aggressive tack than comparable adhesives  
Permits immediate repositioning while providing long-lasting strength  
Ideal for applications involving large surfaces  
GREENGUARD™ certified  
This is the bulk version of the product

## Typical properties

Acid Free: No  
Adhesion: Permanent Mounting  
Adhesive Type: SBR Rubber  
Application: Edge Band Wood Panel Bonding, Large Surface Lamination Assembly  
Application Method: Brush, Roll, Spray  
Application Temperature From (Celsius): 15.5 °C  
Application Temperature To (Celsius): 26.5 °C  
Assembly Type: Large Surface Lamination  
Brands: 3M™  
Container Size (Imperial): 5 Gallon, 55 Gallon  
Container Size (Metric): 20 Liter, 208.2 Liter  
Container Volume: 5.0 Gal. (US), 54.0 Gal. (US)  
Creative Color: Clear  
Cure Temperature: Room Temperature  
Cure Time: 24 hr  
Cure or Dry Time: 24 Hour  
Dispenser: No  
Environmental Considerations: GREENGUARD® Certified, Low VOC, SCAQMD  
Features: Permanent Adhesive  
Flame Retardant: No  
Form: Liquid  
Hazardous Material Warning: Please note the warnings on the packaging  
Heat Resistance: <230 Degree Fahrenheit  
Heat Resistance (Celsius): <110 °C  
Industries: General Industrial  
Physical Form: Thin liquid  
Product Color: Red, Transparent  
Product Form: Bulk  
Product Type: Adhesive  
Shelf Life: 21 Month  
Solids Weight Percent (Approximate): 34 %  
Spray Pattern: Lace, Pebble  
Surface Type: Laminate, Metal, Wood, Wood Veneer  
Units per Case: 1.0  
Volume (Imperial): 5 gal, 55 gal  
Volume (Metric): 18.927 L, 208.198 L  
eClass 14 Classification Group: 23330115

## **3M™ Structural Adhesive SA9860**

3M Product Number SA9860 3M ID B5005412005

### **Details**

Two-part epoxy adhesive suitable for room-temperature curing  
High mechanical and impact strength after room-temperature cure  
Low density  
Fast curing (1.5 hours time to handling strength for increased customer productivity)  
Suitable for automated dispensing due to anti-sag properties/controlled flow behavior for easy application  
Maintains mechanical performance at high temperature

### **Typical properties**

Application: Body-in-White, Bonding, Fatigue Resistance, Gap Filling, Impact Resistance  
Brands: 3M™  
Product Usage: Battery Boxes, Battery Composite Housings, Chassis, EV Batteries  
eClass 14 Classification Group: 23330109

# **3M™ Epoxy Bonding Adhesive EG-2P-3005**

3M ID B5005034044

## **Details**

Fast setting, flexible epoxy adhesive

## **Typical properties**

eClass 14 Classification Group: 23330109

## **3M™ Sealant SZ1000 for EV Enclosure Sealing**

3M Product Number SZ1000 3M ID B5005157034

### **Details**

- Offers a resealable gasket that can be opened and closed, allowing for battery serviceability
- Can be dispensed automatically and provides protection against water ingress
- Cures at room temperature or at elevated temperatures
- Cure-in-place
- Meets flammability requirements for flame retardancy
- Self-extinguishes and does not drip
- Meets specification IPX8 for water protection
- Provides good aging durability
- Provides good compression set (85 °C, 24 hours at 50% compression ratio) of < 15%

### **Typical properties**

- Application: Sealing
- Product Usage: Battery Pack Lids, EV Enclosures
- eClass 14 Classification Group: 23330106

## **3M™ Milled Fiberglass Body Filler, 05816, 1 gal, 4 per case**

3M ID 7000120440 UPC 00051131058163

### **Details**

Short-strand milled fiberglass adds strength and stability  
Excellent for reinforced repairs to holes, cracks and tears under traditional body filler  
High-resin gel makes for exceptional sag resistance and gap spanning

### **Typical properties**

Application: Applying Body Filler, Dent Fill, Rust Out Repair  
Brands: 3M™  
Case Quantity: 4.0 Cans per Case  
Consistency: Paste  
Container Size (Imperial): 1 Gallon  
Container Size (Metric): 3.785 Liter  
Container Type: Can  
Container Volume: 102.0 fl oz (US)  
Dry Time: 20 min  
Paint Time: 45 Minute  
Performance Level: Better  
Product Color: Red  
Product Type: Glass Reinforced Filler  
Sand Time: 20 Minute  
Volume (Imperial): 1 gal  
Work Time: 4 min  
eClass 14 Classification Group: 22170700

# Scotch® Flex Hold Glue in Precision Applicator ADH670, .14 oz (4 g)

3M ID 70005179505 UPC 00051141958798

## Details

Bonds to ceramic, plastic, leather, vinyl, wood, pottery, tile and more!  
Ultra strength adhesive  
Non-clogging dispenser  
Durable, non-brittle, clear bond

## Typical properties

Acid Free: Yes  
Brands: Scotch®  
Factory ISO Certification: No ISO Certification information available  
Net Weight (Imperial): 0.14 oz  
Net Weight (Metric): 4 g  
eClass 14 Classification Group: 23330105



# 3M™ High Strength Small Hole Repair Kit

3M ID CBGNAWUS1399 UPC 00051141383972

## Details

CONTAINS all the tools necessary for a professional repair  
KIT INCLUDES 8 fluid ounce tub of primer enhanced spackling compound, 4" self-adhesive patch, 3" putty knife and sanding pad  
FOR HOLE REPAIRS up to 3" in diameter  
3M™ SMALL HOLE REPAIR makes repairs 3x faster than traditional spackling  
NO SHRINKING, CRACKING, OR SAGGING  
SMOOTH with included 3M™ sanding pad after repair  
EASY TO SAND spackling compound  
Not recommended for structural joints or stress cracks

## Typical properties

Container Size (Imperial): 8 fl oz (US)  
Container Size (Metric): 236.588 ml  
Container Type: Kit  
Factory ISO Certification: No ISO Certification information available  
Features: Primer Enhanced  
Form: Putty  
Good For Outdoors: Yes  
Package Contents: 8 oz. Tub, Putty Knife, Screen and Sanding Sponge  
Product Type: Putty  
Product Use: Small Hole Repair  
Recommended Surfaces: Drywall  
Warranty Period: 1 year  
eClass 14 Classification Group: 22170700

## **3M™ Mounting Adhesive Putty 18001, 1 oz (28g)**

3M ID 70005045128 UPC 00051141908830

### **Details**

Works on smooth and semi smooth surfaces

Non toxic

Acid free

Easily secures poster board to most smooth surfaces

Easily secures paper to most smooth surfaces

It is a general use putty

### **Typical properties**

Brands: 3M™

Factory ISO Certification: No ISO Certification information available

eClass 14 Classification Group: 23330105

## **3M™ Adhesion Promoter AP596, Clear, 1000 mL Bottle, 8/Case**

3M Product Number AP596 3M ID 7100020215 UPC 00048011628110

### **Details**

Promotes adhesion and improves bond integrity  
Improves bond durability on medium and low surface energy surfaces  
Low viscosity, one component enables easy application  
Best for tinted glass, fritted glass, polycarbonate, PVC, PMMA and polyester

### **Typical properties**

Application Method: Brush, Flow  
Brands: 3M™  
Full Cure Time: 15 min  
Industries: Construction, General Industrial, Transportation  
Physical Form: Thin liquid  
Product Color: Transparent  
Product Form: Bottle  
Solids Weight Percent (Approximate): 3 %  
Tack-free Time: 15 min  
Units per Case: 8.0  
Volume (Imperial): 33.81 fl oz  
Volume (Metric): 1000 mL  
eClass 14 Classification Group: 23330504

# 3M™ Scotch-Weld™ Structural Plastic Adhesive DP8005 Black

## Details

Creates strong bond on low surface energy plastics (LSE) such as polyolefin with minimal or no surface prep required  
Resists many chemicals, water, humidity and corrosion  
Formulated to bond multi-material assemblies such as LSE plastics, thermoplastics composites and metals  
Medium viscosity allows controlled dispensing  
3 minute work life with 3 hours handling strength  
Strong adhesive can replace screws, rivets and welding  
Available in black

## Typical properties

Adhesive Type: Acrylic  
Application: Encapsulating, Potting, Sealing  
Brands: Scotch-Weld™  
Container Size (Imperial): 1.52 fl oz, 16.57 fl oz  
Container Size (Metric): 45 mL, 490 mL  
Features: Low Odor  
Full Cure Time: 8 hr - 24 hr  
Hardness: 55 - 60 Shore D  
Industries: Automotive, Construction, Electronics, General Industrial, Metalworking, Military, Signage, Specialty Vehicle, Transportation, Woodworking  
Open Time: 3 min @ 72 °F (22 °C)  
Product Form: Each  
Set Time: 3 hr  
Shear Strength: 2000 psi  
Smallest Saleable Unit: Each  
Specific Gravity: 1.02  
Storage Temperature (Celsius): 4 °C  
Storage Temperature (Fahrenheit): 40 Degree Fahrenheit  
Surface Type: Smooth  
Volume (Imperial): 1.58 fl oz, 16.569 fl oz  
Volume (Metric): 45 mL, 490 mL  
Work Life: 3 Minutes  
eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Epoxy Adhesive 2214 Hi-Density

## Details

**A VARIETY OF USES:** Can be used on aluminum, fiberglass, reinforced plastic, polyester, and phenolics

**APPLICATION INDUSTRIES:** Ideal in metalworking, general construction, electronics, specialty vehicle, transportation, and more

**VOID-FREE LINES:** Made for applications where dense, smooth lines are required

**EXTREME-TEMPERATURE USE:** Made to adhere metals and other substrates securely in a temperature range of -67 °F (-55 °C) to 250 °F (121 °C)

**TIME FOR REWORK:** Allows rework until heat is applied

**FAST-CURING:** A full cure can be achieved in 40 minutes at 250 °F (121 °C)

**FLAMMABILITY RATING:** Meets the standard for UL 94HB

**COLOR:** Gray

## Typical properties

Adhesive Type: Epoxy

Brands: Scotch-Weld™

Container Size (Imperial): 5 Gallon, 6 fl oz (US)

Container Size (Metric): 18.93 Liter, 177.44 ml

Design Challenges: Impact & Shock Absorption, Noise Vibration & Harshness Control NVH

Flame Retardant: UL94 HB

Full Cure Time: 40 min @ 250 °F (121 °C)

Hardness: 85 Shore D

Indoor/Outdoor: Both

Industries: Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking

Physical Form: Paste

Product Color: Gray

Product Form: Gallon, Quart

Product Type: Epoxy Adhesive

Shear Strength: 4500 psi

Specific Gravity: 1.44

Storage Temperature (Celsius): 4.0 °C

Storage Temperature (Fahrenheit): 40.0 °F

Units per Case: 5.0,6.0

Viscosity: Non-sag

Viscosity Range (cps) at Room Temperature: 1000000+

Volume (Imperial): 5 gal, 6 fl oz

Volume (Metric): 177 mL

eClass 14 Classification Group: 23330109

# **3M™ Scotch-Weld™ Void Filling Compound EC-3515 B/A FR**

3M ID B5005378018

## **Details**

Cures to a strong, low-density material within 48 hours at 75°F (24°C)  
Designed to meet the flammability requirements of 14 CFR/ CS25.853 (a)  
The compound has thixotropic properties for ease of application  
Base is either blue or black in color, accelerator is white. Very easy to visually determine when the product is uniformly mixed

## **Typical properties**

eClass 14 Classification Group: 22170700

**3M™ Wind Protection Tape Edge Sealer W2600, 50 ml (1.7 fluid ounce),  
12/Case**

3M ID 7100008766 UPC 00048011661650

**Details**

Clear, non-yellowing, durable two-part urethane sealer used to help smooth and protect the edges of 3M™ Wind Protectin Tapes  
Provides excellent resistance to environmental exposure

**Typical properties**

Adhesive Type: Urethane  
Brands: 3M™  
Container Size (Imperial): 1.7 fl oz (US)  
Container Size (Metric): 50 ml  
Full Cure Time: 48 hr  
Surface Type: Painted Surface  
eClass 14 Classification Group: 23330106

# **3M™ Anisotropic Conductive Film Adhesive 7303**

Part Number 7303 3M ID B5005076018

## **Details**

- Heat cure
- Thermo-set low temperature cure
- Tacky at room temperature
- Good thermal stability
- Reworkable
- Frozen storage

## **Typical properties**

eClass 14 Classification Group: 23330301



## **3M™ Scotch-Weld™ Threadlocker TL71**

### **Details**

Prevents nuts and bolts from loosening with vibration  
Fills and seals threads completely to help stop corrosion, rust and leaks  
Eliminates the need for lock washers and other locking components  
Red, high removal torque  
Long open time anaerobic adhesives that cure quickly  
Helps keep production equipment up and running

### **Typical properties**

Adhesive Type: Anaerobic  
Application: Equipment Maintenance  
Assembly Type: Small Joint Assembly  
Brands: Scotch-Weld™  
Breakaway Torque Strength: 150 lb.in - 200 lb.in  
Container Size (Imperial): 0.33 fl oz (US), 1.69 fl oz (US), 8.45 fl oz (US)  
Container Size (Metric): 10 ml, 50 ml, 250 ml  
Industries: General Industrial, MRO, Metalworking, Signage, Specialty Vehicle, Woodworking  
Maximum Operating Temperature (Celsius): 204 °C  
Maximum Operating Temperature (Fahrenheit): 400 °F  
Physical Form: Liquid  
Prevailing Torque Strength: 220 to 350 Pound  
Product Color: Red  
Product Type: Thread locker  
Removability: Not Removable  
Set Time: 10 min - 30 min  
Storage Temperature (Celsius): 22°C  
Storage Temperature (Fahrenheit): 72 Degree Fahrenheit  
Threadlocking Strength: High  
Viscosity Range (cps) at Room Temperature: 400 - 900  
eClass 14 Classification Group: 23330111

## **3M™ Creme Hardener, 05766, Blue, 2.75 oz Tube, 12 per case**

3M ID 7100009748 UPC 00051131057661

### **Details**

Easy mixing produces a quality hardener blend

3M™ Cream Hardener is designed for use with 3M™ 2-part body filler & glazes  
When used in 3M™, Dynatron™ and Bondo™ products it provides the best performance

### **Typical properties**

Application: Applying Body Filler

Brands: 3M™

Case Quantity: 12.0 Tubes per Case

Consistency: Paste

Container Size (Imperial): 2.75 Ounce

Container Size (Metric): 77.961 g

Container Type: Tube

Container Volume: 2.75 Ounce

Form: Cream

Product Color: Blue

Volume (Imperial): 2.75 fl oz

eClass 14 Classification Group: 22170700

## **Bondo® Glass Reinforced Filler**

3M ID B40067470 UPC 00051131002777

### **Details**

IDEAL FOR SMALL HOLE REPAIR and rust-out repairs on cars and boats  
INTERIOR OR EXTERIOR use  
MAKE REPAIRS TO fiberglass, metal, wood, concrete, and masonry  
FILL SMALL HOLES up to ½-inch wide with fiberglass reinforced formula without the need for backing strips, fiberglass cloth, or mat  
STRONGER BONDING formula compared to Bondo® Original Filler  
WATERPROOF AND NON-SHRINKING formula works on cars and boats  
FAST CURING formula is sandable in 30 minutes for same day repair  
TWO-PART FORMULA chemically bonds and adheres faster to hard-to-stick-to surfaces  
PAINTABLE FORMULA is compatible with most paints and paint systems  
BONDO® BLUE CREAM Hardener included  
MIXES DARK GREEN when filler and hardener are mixed together  
WORKABLE for 3-4 minutes once filler and hardener are mixed together  
FINISH PROJECT with a layer of Bondo® Original Filler or Bondo® Fast Dry Filler for a smooth, professional finish  
TOP COAT of Bondo® Glazing and Spot Putty is recommended to fill pin holes and small imperfections for a smooth finish  
FILL STAGE of 3M™ Body Repair System

### **Typical properties**

Brands: Bondo®  
Container Size (Imperial): 1 Pint, 1 Quart  
Container Size (Metric): 473.176 ml, 946.353 ml  
eClass 14 Classification Group: 22170700

## **Bondo® Rotted Wood Restorer, 20131, 8 oz, 6 per case**

3M ID 60455068324 UPC 00051131334823

### **Details**

Stops rot and hardens soft wood surfaces

Restorer penetrates into soft, spongy, rotted wood fibers creating a hard surface

Formula creates a solid base for the application of Bondo® Wood Filler (sold separately)

Dried restorer is paintable

Liquid product dries clear and tack free in 2 hours

Water resistance helps prevent future rot

### **Typical properties**

Brands: Bondo®

Case Quantity: 6.0 Cans per Case

Container Size (Imperial): 8 fl oz (US)

Container Size (Metric): 236.588 ml

Factory ISO Certification: No ISO Certification information available

Form: Liquid

Product Color: Transparent

Volume (Imperial): 8 fl oz

eClass 14 Classification Group: 22170700

# 3M™ Fastbond™ Contact Adhesive 2000NF

## Details

REFINED FORMULATION: Utilizes a low odor adhesive formula

IMMEDIATE STRENGTH: Delivers instant bonding when used with 3M™ Fastbond™ Spray Activator 1

EXCEPTIONAL PERFORMANCE: Offers high heat resistance and high strength while remaining post-formable

ECONOMICAL: This adhesive's high solids content helps create a cost-effective bonding solution

VERSATILE: Effectively bonds most flexible and rigid foams, plastic laminate, wood, plywood, particle board, fabrics, fiber, aluminum, galvanized steel, and many plastics

MINIMIZED IMPACT: Certified to the GREENGUARD™ Product Emission Standard For Children and Schools for low emitting interior building material

ACTIVATE FASTER: Pair with the 3M™ Fastbond™ Spray Activator 1 to make immediate bonds

## Typical properties

Application: Adhering Floor Coverings, Bond Wood Veneer to Particle Board, Carpet Attaching, Insulation Attachment, Upholstery & Seating Attachment

Application Method: Co-Spray

Brands: Fastbond™

Container Size (Imperial): 5 Gallon, 5 Gal. (US), 55 Gallon, 270 Gallon

Container Size (Metric): 18.9 Liter, 208.2 Liter, 1022 Liter

Environmental Considerations: California Air Resources Board, GREENGUARD® Certified, Helps contribute to LEED® credits, Low VOC, Ozone Transport Commission, SCAQMD

Flame Retardant: Non-flammable

Heat Resistance: <230 Degree Fahrenheit

Heat Resistance (Celsius): <110 °C

Industries: General Industrial, Military & Government, Specialty Vehicle, Transportation, Woodworking

Open Time: Up to 2 hours

Physical Form: Thin liquid

Product Color: Blue, Light Orange, Neutral

Product Form: Bulk

Solids Weight Percent (Approximate): >=42.4 %

Specific Gravity: 1.1

Surface Type: Wood

Units per Case: 1.0

Viscosity Range (cps) at Room Temperature: 200-750

eClass 14 Classification Group: 23330102

# 3M™ Polyurethane Adhesive Sealant 551, White, 600 mL Sausage Pack, 12/Case

Part Number 62804 3M Product Number 551 3M ID 7100197991

## Details

Long open time for positioning parts  
Broader adhesion to a variety of substrates, with less need for primers  
Advanced chemistries resist cracking, yellowing and chalking  
Lasting sealant provides excellent color stability

## Typical properties

Adhesive Type: Polyurethane  
Application Method: Hand or pressure caulk  
Brands: 3M™  
Container Size (Imperial): 20.3 fl oz (US)  
Container Size (Metric): 600 ml  
Full Cure Time: >4 mm/24 hr  
Hardness: 45 Shore A  
Industries: Construction, General Industrial, Transportation  
Modulus at 100%: 87 Pound-Force Per Square Inch  
Physical Form: Medium paste  
Product Color: White  
Product Form: Pack, Package  
Solids Weight Percent (Approximate): 90 %  
Tack-free Time: 3 hr  
Units per Case: 12.0  
Volume (Metric): 600 µL  
eClass 14 Classification Group: 23330106

## **3M™ Scotch-Seal™ Metal Sealant 2084**

### **Details**

One part, aluminum-colored sealant that dries to a tough, flexible film  
Ideal for bonding and sealing aluminum to glass, metals and woods  
Water, oil and fuel resistant  
Retains sealing properties after extended aging when painted

### **Typical properties**

Adhesive Type: Nitrile  
Application Method: Brush, Flow  
Brands: 3M™  
Container Size (Imperial): 5 fl oz (US), 5 Gal. (US), 55 Gal. (US)  
Container Size (Metric): 18.9 Liter, 147.9 ml, 208.2 Liter  
Full Cure Time: 24 hr  
Industries: General Industrial, Metalworking  
Physical Form: Heavy liquid  
Product Color: Aluminum, Silver  
Product Form: Gallon, Tube  
Smallest Saleable Unit: Each  
Solids Weight Percent (Approximate): 46 %  
Surface Type: Metal  
Tack-free Time: 5 min  
Units per Case: 36.0,1.0  
eClass 14 Classification Group: 23330106

# 3M™ Scotch-Weld™ Epoxy Adhesive DP100 Plus

## Details

PROFESSIONAL-GRADE ADHESIVE: Bonds metals, ceramics, glass, and many plastics in thermal cycling applications

VERSATILE APPLICATION: Excels across transportation, specialty vehicle, electrical, general industrial, sporting goods, construction, and consumer goods industries

IDEAL FOR THERMAL IMPACT: Has resistance to flexing and other stressors

FOR DEMANDING JOBS: Securely joins together dissimilar and difficult substrates

OPPORTUNITY TO ADJUST: Features 2-5 minutes of open working time

CERTIFICATIONS: Is UL 94 HB Certified

## Typical properties

Adhesive Type: Epoxy

Application: Bonding, Encapsulating, Potting, Sealing

Brands: Scotch-Weld™

Container Size (Imperial): 1.64 fl oz, 5 gal, 6.76 fl oz

Container Size (Metric): 18.93 L, 48.5 mL, 200 mL

Design Challenges: Impact & Shock Absorption, Noise Vibration & Harshness Control NVH

Hardness: 65 - 70 Shore D

Industries: Construction, Consumer Goods, Electronics, General Industrial, MRO, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking

Open Time: 4 min @ 72 °F (22 °C)

Performance Level: Best

Physical Form: Liquid

Product Form: Cartridge, Each

Set Time: 20 min

Shear Strength: 3500 psi

Smallest Saleable Unit: Each

Specific Gravity: 1.1 - 1.2, 1.16, 1.15

Specifications Met: UL 94 HB

Storage Temperature (Celsius): 22°C

Storage Temperature (Fahrenheit): 72 Degree Fahrenheit

Surface Type: Painted, Powder Coated, Smooth, Unpainted

Units per Case: 1.0, 12.0

Volume (Imperial): 1.71 fl oz, 5 gal, 6.8 fl oz

Volume (Metric): 18.9 L, 20 L, 48.5 mL, 200 mL

Work Life: 4 - 8 min

eClass 14 Classification Group: 23330109



# 3M™ Scotch-Weld™ Epoxy Adhesive 2216, Gray

## Details

**A VARIETY OF SUBSTRATES:** Ideal for use on metals, masonry, wood, rubber, and most plastics

**IDEAL INDUSTRIES:** For use in the transportation, construction, general aerospace, and appliance repair industries

**HIGH-STRENGTH:** Creates a strong and long-lasting bond, holding up to environmental aging

**HIGH-PERFORMANCE:** Performs well in cryogenic bonding applications without becoming brittle

**AMPLE WORKING TIME:** Provides up to 90 minutes of time to adjust and reposition projects

**FAST HEAT SETTING:** At 200 °F (93 °C), a full cure can be accomplished in 30 minutes

**KEY SPECIFICATIONS:** Meets DOD-A-82720

**PRODUCT OPTIONS:** Available in bulk form or a Duo-Pak (DP)

## Typical properties

Adhesive Type: Epoxy

Application: Bonding, Encapsulating, Impact Resistance, Potting, Sealing

Application Temperature From (Celsius): -55 °C

Application Temperature To (Celsius): 80 °C

Brands: Scotch-Weld™

Container Size (Imperial): 1 qt, 1 pt, 1 gal, 1.4 fl oz, 2 fl oz, 5 gal, 55 gal

Container Size (Metric): 0.47 L, 0.95 L, 3.78 L, 18.93 L, 41.5 mL, 59 mL, 208.2 L

Design Challenges: Impact & Shock Absorption, Noise Vibration & Harshness Control NVH

Hardness: 50 - 65 Shore D

Industries: Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking

Open Time: 90 min @ 72 °F (22 °C)

Performance Level: Good

Physical Form: Flowable Liquid

Product Form: Kit

Set Time: 8 hr - 12 hr

Shear Strength: 3200 psi

Smallest Saleable Unit: Each, Kit

Specific Gravity: 1.3, 1.26, 1.33

Specifications Met: UL 94 HB, UL94 HB

Storage Temperature (Celsius): 22°C

Storage Temperature (Fahrenheit): 72 Degree Fahrenheit

Surface Type: Painted, Powder Coated, Unpainted, Very Rough

Units per Case: 1.0, 2.0, 6.0

Volume (Imperial): 1 gal, 1 qt, 2 fl oz, 5 gal

Volume (Metric): 0.95 L, 3.8 L, 18.9 L, 19 L, 60 mL, 950 mL

Work Life: 90 min

eClass 14 Classification Group: 23330109

## 3M™ Foam Fast 74 Spray Adhesive

### Details

FOR INDUSTRIAL USE ONLY: This product is designed exclusively for industrial applications

SPECIALLY-CREATED: Made for adhering foams and fabrics

SPECIAL DISPENSING: Uses a lace-spray pattern optimized for foam bonding

QUICK ASSEMBLY: Offers a fast, aggressive tack ideal for high-stress bonds

REPOSITION AND ADJUST: Allows for a working time of 30 seconds to 15 minutes

MADE FOR PROFESSIONALS: Provides industrial-strength bonding for demanding applications

COUNTLESS USES: Some possible applications include general upholstery, foam lamination, attaching foam and fabric to wood and other substrates, and installing acoustic panels

### Typical properties

Application: Insulation Attachment, Interior Gasket & Seal Attachment, Large Surface Lamination Assembly

Application Method: Spray

Assembly Type: Large Surface Lamination

Brands: 3M™

Case Quantity: 12.0 Bags per Case

Container Size (Imperial): 24 fl oz (US)

Container Size (Metric): 710 ml

Environmental Considerations: Helps contribute to LEED® credits

Flame Retardant: Flammable

Form: Aerosol

Heat Resistance: 170 Degree Fahrenheit

Heat Resistance (Celsius): 77 °C

Industries: Automotive, Consumer Goods, Furniture, General Industrial, Specialty Vehicle, Transportation

Open Time: 1 - 15 min

Product Color: Orange, Transparent

Product Form: Aerosol

Solids Weight Percent (Approximate): 22 %

Spray Pattern: Variable Lace

Units per Case: 12.0

eClass 14 Classification Group: 23330115

# 3M™ Hot Melt Adhesive 3731

## Details

Solvent-free, 100% solids adhesive  
Bonds well to polyolefin based plastics  
High-temperature resistance to 265°F/129°C  
Fast-setting for quick, effective results  
Provides good peel strength, creating tough and resilient bonds

## Typical properties

Adhesive Type: Polypropylene  
Application: Bonding Composite Materials, Mounting & Trim Attachment, Small Joint Assembly  
Application Method: Handheld Process, Spray  
Brands: 3M™  
Case Quantity: 11.0 Bags per Case  
Container Size (Imperial): 11 lb., 22 lb.  
Container Size (Metric): 5 kg, 10 kg  
Form: Flowable Liquid  
Heat Resistance: 265 Degree Fahrenheit  
Heat Resistance (Celsius): 129.4°C  
Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, Military & Government, Packaging, Retail, Signage, Specialty Vehicle, Transportation, Woodworking  
Maximum Operating Temperature (Fahrenheit): 265 °F  
Open Time: 35 Second  
Product Color: Tan  
Product Form: Pound  
Shear Strength: 490 psi  
Smallest Saleable Unit: Canister, Case  
Solids Weight Percent (Approximate): 100 %  
Temperature Setting for EC Heat Gun: 4 or 5  
eClass 14 Classification Group: 23330104

## Dimensions and Classifications

Overall Length (Imperial): 3 in, 8 in  
Overall Length (Metric): 0.07 m, 0.2 m  
Overall Width (Imperial): 0.62 in, 1 in  
Overall Width (Metric): 15.9 mm, 25.4 mm

# 3M™ Scotch-Weld™ Instant Adhesive CA5

## Details

Useful where gap filling is desired for bonding rough or uneven surfaces  
High strength and impact resistance  
Reaches handling strength in under 60 seconds  
Medium viscosity adhesive is easily applied from the bottle  
Strong, durable and long lasting bond on a variety of substrates

## Typical properties

Adhesive Type: Cyanoacrylate, Instant Adhesive  
Brands: Scotch-Weld™  
Container Size (Imperial): 1 fl oz (US), 1 lb.  
Container Size (Metric): 0.45 kg, 29.57 ml  
Design Challenges: Impact & Shock Absorption  
For Use On: Glass & Ceramics, Plastic (Polyolefins and Thermoplastic Elastomers), Wood, Fabric, Felt, Cork & Fibrous Glass, Flexible Foam (Latex, Urethane), Plastic (High Performance Nylon), Leather, Metal, Paper & Cardboard, Rubber (Except EPDM), EPDM Rubber, Rigid Foam (Urethane), Rigid Foam (Beadboard Styrene), High Surface Energy, (400-1100 Dynes/cm), Plastic (Flexible Vinyl), Plastic (ABS, PVC, Acrylic), Smooth  
Full Cure Time: 24 Hours @ 72 F (22 C)  
Indoor/Outdoor: Both  
Industries: Construction, Consumer Goods, Electronics, General Industrial, MRO, Medical, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Maximum Operating Temperature (Celsius): 82 °C  
Maximum Operating Temperature (Fahrenheit): 180 °F  
Net Weight (Imperial): 1 oz, 1 lb  
Net Weight (Metric): 28.3 g  
Physical Form: Liquid  
Product Color: Transparent  
Product Form: Bottle  
Product Type: Instant Adhesive  
Set Time: 12 to 60 Second  
Shear Strength: 2500 psi  
Specific Gravity: 8.7 Pound Per Gallon (US)  
Storage Temperature (Celsius): 22°C  
Storage Temperature (Fahrenheit): 72 F (22 C), 72 Degree Fahrenheit  
Units per Case: 1.0, 12.0  
Viscosity: Self-leveling  
Volume (Imperial): 1 fl oz  
Work Time: 1 min  
eClass 14 Classification Group: 23330105

# 3M™ Neoprene High Performance Rubber and Gasket Adhesive 1300

## Details

FOR INDUSTRIAL USE ONLY: This product is designed exclusively for industrial applications

HIGH-PERFORMANCE: Functions as a contact adhesive

REPOSITION FREELY: Dries quickly while allowing time for adjustments

ADHERES TO MANY MATERIALS: Ideal for bonding neoprene, SBR, butyl, and other types of rubbers to other various substrates

MADE FOR CHALLENGING CONDITIONS: Delivers excellent moisture and heat resistance, performing up to 250 °F (121 °C)

APPLY YOUR WAY: Available in tubes, cans, or pails and compatible with industrial-grade spray equipment

## Typical properties

Application: Bond Rubber Gaskets to Metal, Interior Gasket & Seal Attachment, Rubber & Vinyl Floor Bonding, Wall Lining and Flooring

Application Method: Brush, Flow

Assembly Type: Gasket Attachment, Large Surface Lamination

Brands: 3M™

Case Quantity: 36.0 Bags per Case

Container Size (Imperial): 1 Gallon, 1 Quart, 5 Gallon, 5 fl oz (US)

Container Size (Metric): 1 Liter, 3.8 Liter, 20 Liter, 150 ml

Environmental Considerations: California Air Resources Board, GREENGUARD® Certified, Helps contribute to LEED® credits, Ozone Transport Commission

Flame Retardant: Flammable

Form: Liquid, Paste

Heat Resistance: <230 Degree Fahrenheit

Heat Resistance (Celsius): <110 °C

Industries: General Industrial, Military & Government, Specialty Vehicle, Transportation, Woodworking

Open Time: Up to 12 min

Physical Form: Medium liquid

Product Color: Yellow

Product Form: Bulk, Tube

Product Type: Adhesive

Solids Weight Percent (Approximate): 34 % - 39 %

State Restrictions: CA, CT, DC, DE, IL, MA, MD, ME, MI, NH, NJ, NY, OH, PA, RI, VI

Surface Type: Plastic, Rubber, Wood

Units per Case: 36.0,1.0,12.0,4.0

eClass 14 Classification Group: 23330115

# 3M™ Scotch-Weld™ PUR Adhesive TE030

## Details

Fast 30 seconds set time for fast-paced processes and productivity

Creates high-strength bonds that are plasticizer resistant

Bonds to a variety of materials, including wood and many plastics

100% solids formula with no VOCs

60 second open time for joining parts together

One component adhesive for easy application with no mixing or guesswork

Designed for use with the 3M™ Scotch-Weld™ PUR Applicator and unique disposable nozzles

One component adhesive for easy application with no mixing or guesswork

Designed for use with the 3M™ Scotch-Weld™ PUR Applicator and unique disposable nozzles

## Typical properties

Adhesive Type: Urethane

Application Method: Extruded from hand held or bench mounted applicators

Application Temperature From (Celsius): -55 °C

Application Temperature To (Celsius): 80 °C

Brands: Scotch-Weld™

Container Size (Imperial): 0.1 Gallon, 5 Gal. (US)

Container Size (Metric): 18.9 Liter, 310 ml

Full Cure Time: 24 hr

Hardness: 60 Shore D

Indoor/Outdoor: Both

Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, Military & Government, Packaging, Retail, Signage, Specialty Vehicle, Transportation, Woodworking

Physical Form: Liquid

Product Color: White

Product Form: Cartridge, Pound

Set Time: 15 sec - 30 sec

Smallest Saleable Unit: Each

Solids Weight Percent (Approximate): 100 %

Storage Temperature (Celsius): 16 to 27 °C

Storage Temperature (Fahrenheit): 60 to 80 Degree Fahrenheit

Units per Case: 5.0

Viscosity: Self-leveling

Work Time: 30 sec

eClass 14 Classification Group: 23330104

# 3M™ Scotch-Weld™ Super Fast Instant Adhesive SF100

## Details

Bonds to a number of substrates, including plastics and rubbers  
Precise application: pinch container for a precise drop or squeeze for a steady bead  
Low viscosity adhesive is easily applied from the bottle  
Strong, durable and long lasting bond on a variety of substrates  
Fast curing to keep projects moving quickly

## Typical properties

Adhesive Type: Instant Adhesive  
Brands: Scotch-Weld™  
Container Size (Imperial): 0.1 Ounce, 0.7 Ounce, 17.64 Ounce  
Container Size (Metric): 3 g, 20 g, 500 g  
Design Challenges: Impact & Shock Absorption  
For Use On: Glass & Ceramics, Plastic (Polyolefins and Thermoplastic Elastomers), Plastic (High Performance Nylon), Fabric, Felt, Cork & Fibrous Glass, Flexible Foam (Latex, Urethane), Leather, Metal, Paper & Cardboard, Rubber (Except EPDM), EPDM Rubber, Rigid Foam (Urethane), Rigid Foam (Beadboard Styrene), Wood & Hardboard, Plastic (Flexible Vinyl), Plastic (ABS, PVC, Acrylic)  
Full Cure Time: 24 Hours @ 72 F (22 C)  
Gap Fill (Imperial): 0.006 in  
Gap Fill (Metric): 0.152 mm  
Indoor/Outdoor: Both  
Industries: Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Maximum Operating Temperature (Celsius): 82 °C  
Maximum Operating Temperature (Fahrenheit): 180 °F  
Net Weight (Imperial): 0.07 oz, 1 lb  
Net Weight (Metric): 2 g, 453 g  
Physical Form: Liquid  
Product Color: Transparent  
Product Form: Bottle  
Set Time: 3 to 30 Second  
Shear Strength: 2109 psi  
Storage Temperature (Celsius): 4 °C  
Storage Temperature (Fahrenheit): 40 Degree Fahrenheit  
Units per Case: 1.0, 10.0, 100.0  
Viscosity: Self-leveling  
Viscosity Range (cps) at Room Temperature: 80-120  
Volume (Imperial): 11 fl oz  
Volume (Metric): 3 mL  
Work Time: 3-5 Seconds  
eClass 14 Classification Group: 23330105

## Scotch® Super Glue Liquid, Bottle

3M ID CBGNHW011167 UPC 00051131865396

### Details

Fast-drying liquid formula  
Convenient .18 oz squeeze bottle  
Bonds to wood, metal, leather, ceramic, rubber, some plastics, and more  
Pointed tip for precise application

### Typical properties

Brands: Scotch®  
Container Size (Imperial): 0.18 Ounce  
Container Size (Metric): 5 g  
Factory ISO Certification: No ISO Certification information available  
Product Type: Quick Fix  
Sizes Available: 0.17 single use tubes,0.18 oz bottle,0.07 oz tube  
eClass 14 Classification Group: 23330105



# Scotch® Multi-Surface White Glue ADH669, 1.25 fl oz (36.9 mL)

3M ID 70005179992 UPC 00051141369334

## Details

Works for wood repair and much more  
Non-clogging dispenser  
No-run formula  
Low Odor  
Durable, non-brittle, clear bond  
Sandable and paintable  
Soap and water cleanup

## Typical properties

Acid Free: Yes  
Brands: Scotch®  
Factory ISO Certification: No ISO Certification information available  
Net Weight (Imperial): 0.14 oz  
Net Weight (Metric): 4 g  
Product Color: White  
eClass 14 Classification Group: 23330113

## **3M™ Trim Adhesive**

3M ID B40069433

### **Details**

Spray-on adhesive attaches heavy weight fabrics and vinyl  
Recommended where high-strength required  
High performance contact adhesive  
Creates a secure bond on impervious metal surfaces  
Heat and moisture resistance

### **Typical properties**

Application: Trim & Molding Attachment, Trim attachment  
eClass 14 Classification Group: 23330115

# **3M™ Factory-Match Seam Sealer, 08323, 200 mL Cartridge, 6 per case**

Part Number 08323 3M ID 7000148202 UPC 00051135083239

## **Details**

**METERED STATIC MIXING:** Dual syringe cartridge eliminates the difficulty and mess of manual mixing

**HIGH-PERFORMANCE:** Two-part epoxy seals vertical and horizontal seams to match OEM seals

**NO TOOLING REQUIRED:** Flows slightly and softens on the edges for a rounded appearance

**FAST CURE TIME:** Ideal for high-speed results, this sealant fully cures in just 4 hours

**SAG-FREE FINISH:** Non-sag consistency aids during vertical applications

## **Typical properties**

Adhesive Type: Urethane

Application: Sealing

Brands: 3M™

Case Quantity: 6.0 Bags per Case

Consistency: Liquid

Container Size (Imperial): 6.75 fl oz (US)

Container Size (Metric): 200 ml

Container Type: Cartridge

Full Cure Time: 4 hr

Paint Time: 45 Minute

Product Color: Black

Shelf Life in Months (From Date of Manufacture): 12

Surface Type: Painted Surface

Tack-free Time: 10 min

eClass 14 Classification Group: 23330106

## **3M™ Reinforced Body Filler, 05877, 276 mL DMS Cartridge, 6 per case**

3M ID 7000120099 UPC 00051131058774

### **Details**

Two-component, resin rich filler for high building, increasing repair strength  
Versatile formula adheres to most automotive substrates  
Milled fiberglass in filler adds reinforcing strength  
Dual cartridge system designed for use with the 3M™ Dynamic Mixing System  
System mixes hardener and filler to a perfect ratio every time

### **Typical properties**

Application: Applying Body Filler, DMS system component, Dent Fill, Rust Out Repair, Small Dent Repair, Surface Preparation for Painting  
Brands: 3M™  
Case Quantity: 6.0 Bags per Case  
Consistency: Paste  
Container Size (Imperial): 9.33 fl oz (US)  
Container Size (Metric): 276 ml  
Container Type: Cartridge  
Container Volume: 9.3 fl oz (US)  
Dry Time: 20 min  
Handling Time: 4 min  
Material: Fiberglass/Resin  
Paint Time: 45 Minute  
Performance Level: Best  
Product Type: Glass Reinforced Filler  
Sand Time: 20 Minute  
Volume (Imperial): 9.3 fl oz  
Volume (Metric): 276 mL  
Work Time: 4 min  
eClass 14 Classification Group: 22170700

## **3M™ Short Strand Reinforced Filler, 01160, 1 gal, 4 per case**

3M ID 7000125043 UPC 00051593011607

### **Details**

Reinforced with short-strand fiberglass for strong repairs  
Repairs rust-outs and shattered fiberglass  
Use as a foundation under regular body fillers for strength  
Can be used with Bondo® Fiberglass Mat and Cloth

### **Typical properties**

Application: Dent Fill, Rust Out Repair, Small Dent Repair, Surface Preparation for Painting  
Brands: 3M™  
Case Quantity: 4.0 Cans per Case  
Consistency: Paste  
Container Size (Imperial): 1 Gallon  
Container Size (Metric): 3.785 Liter  
Container Type: Can  
Dry Time: 20 min  
Handling Time: 3 - 5 min  
Paint Time: 45 Minute  
Performance Level: Good  
Product Color: Green  
Product Type: Glass Reinforced Filler  
Sand Time: 20 Minute  
Volume (Imperial): 1 gal  
Volume (Metric): 3.78 L  
Work Time: 4 min  
eClass 14 Classification Group: 22170700

## **3M™ Wetordry™ Rubber Squeegee, 05518, 2 in x 3 in, 50 per case**

3M ID 7000028349 UPC 50051144055185

### **Details**

Squeegee wipes away swarf and water from work surface  
Accessory is also used for smoothing filler and putty  
Rubber is firm with just enough flexibility to be gentle on surfaces  
Sized for a comfortable and secure hold  
Measures 2" x 3"

### **Typical properties**

Attachment Type: None  
Brands: Wetordry™  
Case Quantity: 50.0 per Case  
Density Rating: Firm  
Firmness: Firm  
Product Color: Black  
Product Form: Squeegee  
Vacuum Support: No

### **Dimensions and Classifications**

Overall Length (Imperial): 3 in  
Overall Length (Metric): 76.2 mm  
Overall Width (Imperial): 2 in  
Overall Width (Metric): 50.8 mm

## **3M™ Hot Melt Adhesive 3779**

### **Details**

Provides extreme temperature stability 300°F / 149°C for a durable bond  
Fuel, oil and impact resistant  
Multi-purpose adhesive works on a variety of substrates, including most plastics  
Fast setting allows for quick assembly  
Excellent adhesive for electronics and potting applications

### **Typical properties**

Adhesive Type: Polyamide  
Application: Mounting & Trim Attachment, Sealing, Potting and Encapsulating, Small Joint Assembly  
Application Method: Handheld Process, Spray  
Brands: 3M™  
Case Quantity: 11.0 Bags per Case  
Container Size (Imperial): 11 lb., 22 lb.  
Container Size (Metric): 5 kg, 10 kg  
Form: Flowable Liquid  
Heat Resistance: 300 Degree Fahrenheit  
Heat Resistance (Celsius): 149 °C  
Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, Military & Government, Packaging, Retail, Signage, Specialty Vehicle, Transportation, Woodworking  
Maximum Operating Temperature (Fahrenheit): 300 °F  
Open Time: 35 Second  
Product Color: Amber  
Product Form: Pound  
Shear Strength: 700 psi  
Smallest Saleable Unit: Case  
Solids Weight Percent (Approximate): 100 %  
Surface Type: Plastic, Wood  
Temperature Setting for EC Heat Gun: 5  
eClass 14 Classification Group: 23330104

### **Dimensions and Classifications**

Overall Length (Imperial): 2 in, 3 in, 8 in  
Overall Length (Metric): 0.05 m, 0.07 m, 0.2 m  
Overall Width (Imperial): 0.62 in, 1 in  
Overall Width (Metric): 15.9 mm, 25.4 mm

## **Bondo® Extreme Metal Reinforced Filler EF-PT-ES, 15 oz (425.24 g), 8 per case**

3M ID 70009157531 UPC 00051115904516

### **Details**

EXCEPTIONALLY STRONG formula can be drilled, anchored, or tapped to repair or rebuild cosmetic damage  
INTERIOR OR EXTERIOR use  
MULTI-SURFACE USE compatible with metal, fiberglass, masonry and wood for auto and home  
REINFORCED with aluminum, this extra strength formula is an easy-spreading filler  
CREATES METALLIC appearance that won't rust  
TWO-PART FORMULA chemically bonds with surface to adhere permanently  
FAST-CURING FORMULA allows for a 5 minute work time and sanding in as little as 20 minutes  
PAINTABLE FORMULA is compatible with most paints and paint systems  
BONDO® CLEAR LIQUID Hardener included  
MIXES GREY when liquid hardener drops and filler are mixed together  
WORKABLE for 5 minutes once filler and hardener drops are mixed together  
TOP COAT of Bondo® Glazing and Spot Putty is recommended to fill pin holes and small imperfections for a smooth finish  
FILL STAGE of 3M™ Body Repair System

### **Typical properties**

Brands: Bondo®  
Container Size (Imperial): 1 Pint  
Container Size (Metric): 473.176 ml  
eClass 14 Classification Group: 22170700



## **3M™ Marine Premium Filler**

### **Details**

Recommended for filling and fairing applications above and below the waterline  
High water absorption resistance  
Spreads easily for better handling  
Easy-to-sand formula

### **Typical properties**

Application: Dent Fill, Fiberglass Repair, Filling and Faring Above and Below the Water Line, Large Void Fill, Marine Dent Fill, Small Dent Repair, Surface Preparation for Painting  
Case Quantity: 6.0 Kits per Case, 4.0 Kits per Case  
Consistency: Thick Liquid  
Container Size (Imperial): 1 Gallon, 1 Quart  
Container Size (Metric): 3.785 Liter, 946.353 ml  
Container Type: Can  
Paint Time: 1 Hour  
Product Color: Blue, Light Beige  
Product Type: Marine Premium Body Filler  
Sand Time: 30 Minute  
Volume (Imperial): 1 gal  
eClass 14 Classification Group: 22170700

# **3M™ Clear Super Silicone Seal**

3M ID B40066969

## **Details**

Rapid-curing clear silicone seal offers excellent adhesion

Sealant cures to a tough, rubbery solid when exposed to moisture in the air

Versatility allows for use throughout an automobile

Product effectively bonds to a variety of materials, including clean metal, glass, wood, ceramic, natural and synthetic fiber, painted surfaces and many plastics

Adhesive properties offer high resistance to weathering, vibration, moisture, ozone, and extreme temperatures

## **Typical properties**

Application: Sealing, Seam and Joint Sealing

eClass 14 Classification Group: 30140102

# **3M™ Scotch-Weld™ Structural Adhesive EC-9356 B/A FST**

3M ID B5005289009

## **Details**

Cures to handling strength (2 Mpa overlap shear strength) within 2 hours at room temperature

Thixotropic and non-sag

Low exotherm

Meets the latest FST requirements according to FAR/JAR/CS 25.853(a) App F, part I(a)(1)(ii) and ABD0031

Available in 50ml and 200ml cartridges or bulk packaging configurations

Suitable for storage at room temperature

## **Typical properties**

eClass 14 Classification Group: 23330109

## **3M™ Panel Bonding Adhesive**

### **Details**

PROFESSIONAL GRADE: Recommended by many OEMs

TWO-PART EPOXY ADHESIVE: Provides extended work-time or rapidly cured with heat

EXCELLENT ADHESION: For use on a wide variety of plastic and metal substrates

MULTIPLE USES: Bonds door skins, roof skins, quarter panels, box sides and bumper covers

GLASS BEAD TECHNOLOGY: Protects against overclamping and maintains a minimum bond line thickness

NOZZLES INCLUDED: Includes two static mixing nozzles

### **Typical properties**

Adhesive Type: Epoxy

Application: Attaching, Bonding, Gap Filling

Case Quantity: 6.0 Cartridges per Case, 4.0 Cartridges per Case

Consistency: Paste

Container Size (Imperial): 1.69 fl oz, 6.76 fl oz, 15.22 fl oz

Container Size (Metric): 50 mL, 200 mL, 450 mL

Container Type: Cartridge

Cure Time: 24 hr

Full Cure Time: 24 hr

Paint Time: 24 Hour

Set Time: 4 hr, 90 min

Time to Handling Strength: 90 min

Volume (Imperial): 1.69 fl oz, 6.75 fl oz, 15.2 fl oz

Volume (Metric): 50 mL, 200 mL, 450 mL

Work Life: 90 min

eClass 14 Classification Group: 23330109

## **3M™ SMC/Fiberglass Repair Adhesive**

### **Details**

Two-part urethane or two-part epoxy adhesives effectively bond rigid plastic  
Commonly used to bond backup strips to SMC and FRP (traditional fiberglass)  
Frequently used for backside reinforcement repair on a variety of plastic components  
Adhesive offers excellent sag resistance  
A range of work times allows for maximum efficiency on specific jobs

### **Typical properties**

Adhesive Type: Two-Part Epoxy, Two-Part Urethane  
Application: Bonding, Fiberglass Repair, Plastic Repair  
Case Quantity: 6.0 Cartridges per Case, 6.0 Bags per Case  
Consistency: Paste  
Container Size (Imperial): 6.76 fl oz (US), 13.526 fl oz (US)  
Container Size (Metric): 200 ml, 400 ml  
Container Type: Cartridge  
Full Cure Time: 3 hr  
Handling Time: 1-2 hours, 10 min - 30 min, 35 min, 4-6 Hours, 5 min  
Material: Urethane  
Paint Time: 24 Hour, 30 Minute  
Product Color: Black, Green  
Product Form: Paste  
Sand Time: 3 Hour, 15 Minute, 24 Hour, 30 Minute, 60 Minute  
Volume (Imperial): 6.75 fl oz, 13.5 fl oz  
Volume (Metric): 200 mL, 400 mL  
Work Time: 10 min, 3 Minutes, 35 min, 4 min, 50 Seconds, 90 Seconds, 90 min  
eClass 14 Classification Group: 22170790

# **3M™ Yellow Super Weatherstrip and Gasket Adhesive**

3M ID B40069421

## **Details**

Bonds weatherstripping, headliners, gaskets and more  
Forms flexible, waterproof bond that resists vibration  
Easy to brush and spread right from the tube, saving time  
Resists oils, solvents, detergents and temperature changes for permanent repairs  
Bonds to a range of surfaces including vinyl, metal, fabrics and rubber

## **Typical properties**

eClass 14 Classification Group: 23330115

# **Bondo® Fiberglass Resin Liquid Hardener**

3M ID B40067614

## **Details**

MUST BE USED WITH Bondo® Liquid Resin for Fiberglass or Bondo® Extreme Filler, cannot be used by itself  
MIXES EASILY to produce a consistent chemical reaction for fast curing  
PACKAGED IN EASY-TO-USE squeeze tube  
TUBE AVAILABLE in multiple sizes  
MIXTURE CURES in 2 hours for Bondo® Liquid Resin for Fiberglass, and 20 minutes for Bondo® Extreme Filler  
INTERIOR OR EXTERIOR use  
EASY APPLICATION tube design  
NOT TO BE USED with Bondo® Short Strand Fiberglass Reinforced Filler or Bondo® Long Strand Fiberglass Reinforced Filler  
FILL STAGE of 3M™ Body Repair System

## **Typical properties**

Brands: Bondo®  
eClass 14 Classification Group: 22170700

## **3M™ Aerospace Sealant AC-770**

### **Details**

Low density formula weighs 3–4 lbs. less per gallon than traditional sealants  
Quick cure allows increased throughput  
Helps reduce shrinkage and rework for total cost reduction  
Seals joints and gaps in fuselage applications  
Maintains flexibility and bond strength under extremes of temperature, weathering and stress  
Easier application – requires less mixing time and less tooling to apply

### **Typical properties**

Application: Sealing  
Application Life: 1 Hour, 2 Hour  
Brands: 3M™  
Container Size (Imperial): 1 Pint, 1 Quart, 1 Gallon, 1 Ounce, 2.5 Ounce, 6 Ounce  
Cure Type: Fast Cure  
Factory ISO Certification: No ISO Certification information available  
Product Color: Brown  
Product Form: Kit  
Product Volume: 0.5 Ounce, 2 Ounce, 3.5 Ounce, 12 Ounce, 24 Ounce, 96 Ounce  
Sealant Class: B  
eClass 14 Classification Group: 22171000



## **3M™ Scotch-Weld™ Epoxy Adhesive EC-1469, Cream, 1 qt, 12 Can/Case**

Part Number EC-1469 3M Product Number EC-1469 3M ID 7000058950

### **Details**

Exceptionally high strength at service temperatures from -70°F to 300°F (-57°C to 149°C)

Easy application by knife coating, trowel, roller coating, pump and high pressure injection methods

Excellent retention of strength after aging in typical environments

This one part formula does not require mixing

### **Typical properties**

Adhesive Type: Epoxy

Application: Composite Bonding, Metal Bonding

Brands: Scotch-Weld™

Container Size (Imperial): 1 Quart

Container Size (Metric): 0.95 Liter

Cure Temperature (Celsius): 176 °C

Cure Temperature (Fahrenheit): 350 °F

Factory ISO Certification: No ISO Certification information available

Product Color: Cream

Product Form: Can

eClass 14 Classification Group: 23330109

# **3M™ Scotch-Weld™ Epoxy Adhesive EC-3537-NA B/A, 1 gal, 2 Kit/Case**

Part Number EC-3537-NA 3M Product Number EC-3537 3M ID 7000046478

## **Details**

Two-part formula cures at room temperature (75°F) to a strong, durable bond in 3-7 days, or in less than an hour at 200°F  
Enables high performance design and provides high shear and peel strength  
Highly flexible formula helps improve service life and reduce damage  
Non-sagging thixotropic formula holds its shape for precise bond line control and less rework

## **Typical properties**

Adhesive Type: Epoxy  
Application: Sealing  
Brands: Scotch-Weld™  
Container Size (Imperial): 1 gal  
Container Size (Metric): 3.79 L  
Cure Temperature: Room Temperature  
Density: 1.33 g/cc  
Factory ISO Certification: No ISO Certification information available  
Work Life: 2 hr  
eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Structural Adhesive Film AF 31

## Details

Designed for 350°F (175°C) cure  
Good flexibility and shear strength at service temperatures from -67°F to 500°F (-55°C to 260°C)  
Easy application in a film form which can be pressure, heat or solvent tacked in position  
Excellent retention of strength after aging in many environments  
Yellow in color  
Suitable for metal-to-metal bonding

## Typical properties

Adhesive Type: Nitrile Phenolic  
Application: Bonding, Structural Bonding, Surfacing  
Cure Rate: 1 hr  
Curing Temperature (Celsius): 175 °C, 177 °C  
Curing Temperature (Fahrenheit): 350 °F  
Factory ISO Certification: No ISO Certification information available  
Maximum Operating Temperature (Celsius): 260 °C  
Maximum Operating Temperature (Fahrenheit): 500 °F  
Minimum Operating Temperature (Celsius): -55 °C  
Minimum Operating Temperature (Fahrenheit): -67 °F  
Nominal Adhesive Thickness (Imperial): 10 mil  
Nominal Adhesive Thickness (Metric): 0.254 mm  
Product Color: Yellow  
Product Form: Roll  
Storage Environment: Refrigeration Storage  
Substrate: Metal  
eClass 14 Classification Group: 23330301

## Dimensions and Classifications

Overall Length (Imperial): 36 yd  
Overall Length (Metric): 33 m  
Overall Width (Imperial): 6 in, 11.5 in, 20 in  
Overall Width (Metric): 152 mm, 292 mm, 508 mm

# **3M™ Scotch-Weld™ Structural Void Filling Compound EC-3505 B/A FR**

## **Details**

Saves weight with the lightest pumpable/extrudable FR (Fire Retardant) void filler in the industry

Reduces labor cost and time with Pumpable/extrudable and non-sag compound that requires no hand-mixing

Cuts cycle time, as its sandable and machinable within 6 hours at 75°F after mixing

Stores, applies, and cures at room temperature for easy handling and reduced inventory costs

Reduces need for rework; tough when cured, allows for drilling without chipping

Meets key aerospace industry fire retardancy regulations

## **Typical properties**

Adhesive Type: Epoxy

Application: Edge Finishing, Edge and Void Filling

Application Life: 60 Minute

Chemical Base: Epoxy

Compressive Strength: 15 MPa (2200 psi)

Container Size (Imperial): 15 Gallon, 400 ml

Cure Rate: 48 hr

Cure Temperature: Room Temperature

Density: 0.44 g/cc

Factory ISO Certification: No ISO Certification information available

Flame Retardant: FR

Meets Specifications: 14 CFR-25.853(a)(d)

Product Color: Light Brown

Product Form: Cartridge, Kit(set)

Time to Handling Strength: 4 hr

Work Life: 60 min @ Room Temperature

eClass 14 Classification Group: 22170700

## **3M™ Scotch-Weld™ Repair Paste 2110 kit**

Part Number 2110 3M Product Number 2110 3M ID B40069715

### **Details**

Helps reduce Aircraft on Ground (AOG) time and total cost; can be applied directly to repair damaged areas of 3M Polyurethane Protective Tape

In-place reparability helps reduce waste and downtime

Duo-Pak cartridges eliminate the need for weighing and hand-mixing

No intentionally added solvent in composition helps reduce shrinkage and rework

Compatible with 3M™ Polyurethane Protective Tape 8734NA and 8730NA, plus a wide variety of urethane films and coatings

Urethane designed for erosion resistance even in the harshest conditions, including rain and sand erosion

Suitable for repair of 3M Polyurethane Protective Tape and other protective tapes used on aircraft and engine components

Convenient 48.5 ml Duo-Pak Cartridges for easy application with minimal waste

### **Typical properties**

eClass 14 Classification Group: 22170790

# 3M™ Scotch-Weld™ Epoxy Adhesive 125, Gray, Part A, 5 Gallon (Pail), Drum

Part Number DP125 3M Product Number DP125 3M ID 7100084588

## Details

**VARIOUS APPLICATIONS:** For metal, ceramics, stone, wood, and many plastics  
**A VARIETY OF INDUSTRIES:** Offers secure bonding in transportation, metalworking, signage, specialty vehicle, electronics, construction, and many more

**TOLERATES THERMAL EXPANSION:** Maintains a strong bond under expansion, contraction, and limited movement

**FOR CHALLENGING APPLICATIONS:** Provides a secure bond on dissimilar surfaces

**TIME TO ADJUST:** Allows up to 25 minutes of open working time to reposition the project

**FULL CURE TIME:** Fully cured in 7 days at a temperature of 73 °F (23 °C)

**CERTIFICATIONS:** Is UL 94 HB Certified

**PRODUCT OPTIONS:** Available in bulk form or a Duo-Pak (DP) and translucent or gray

**DIGITAL DISPENSING ASSISTANT:** Help reduce setup time using a free automation tool for time-pressure automated systems

## Typical properties

Adhesive Type: Epoxy

Application: Bonding, Potting

Brands: Scotch-Weld™

Container Size (Imperial): 5 gal

Container Size (Metric): 18.93 L

Hardness: 70 Shore D

Industries: Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking

Open Time: 25 min @ 72 °F (22 °C)

Physical Form: Flowable Liquid

Set Time: 2.5 hr

Shear Strength: 4300 psi

Smallest Saleable Unit: Drum

Specific Gravity: 1.26

Specifications Met: UL 94 HB

Storage Temperature (Celsius): 22°C

Storage Temperature (Fahrenheit): 72 Degree Fahrenheit

Surface Type: Smooth

Units per Case: 1.0

Volume (Imperial): 5 gal

Volume (Metric): 18.9 L

eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Epoxy Adhesive 125, Gray, Part B, 5 Gallon (Pail), Drum

3M Product Number DP125 3M ID 7100084538 UPC 00021200872174

## Details

**VARIOUS APPLICATIONS:** For metal, ceramics, stone, wood, and many plastics  
**A VARIETY OF INDUSTRIES:** Offers secure bonding in transportation, metalworking, signage, specialty vehicle, electronics, construction, and many more

**TOLERATES THERMAL EXPANSION:** Maintains a strong bond under expansion, contraction, and limited movement

**FOR CHALLENGING APPLICATIONS:** Provides a secure bond on dissimilar surfaces

**TIME TO ADJUST:** Allows up to 25 minutes of open working time to reposition the project

**FULL CURE TIME:** Fully cured in 7 days at a temperature of 73 °F (23 °C)

**CERTIFICATIONS:** Is UL 94 HB Certified

**PRODUCT OPTIONS:** Available in bulk form or a Duo-Pak (DP) and translucent or gray

**DIGITAL DISPENSING ASSISTANT:** Help reduce setup time using a free automation tool for time-pressure automated systems

## Typical properties

Adhesive Type: Epoxy

Application: Bonding, Potting

Brands: Scotch-Weld™

Container Size (Imperial): 5 gal

Container Size (Metric): 18.93 L

Hardness: 70 Shore D

Industries: Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking

Open Time: 25 min @ 72 °F (22 °C)

Physical Form: Flowable Liquid

Set Time: 2.5 hr

Shear Strength: 4300 psi

Specific Gravity: 1.26

Specifications Met: UL 94 HB

Storage Temperature (Celsius): 22°C

Storage Temperature (Fahrenheit): 72 Degree Fahrenheit

Surface Type: Smooth

Units per Case: 1.0

Volume (Imperial): 5 gal

Volume (Metric): 18.9 L

eClass 14 Classification Group: 23330109

# 3M™ Polyurethane Adhesive Sealant 550 Fast Cure

## Details

**MULTI-SURFACE SEALANT:** This moisture-curing adhesive sealant works on a wide variety of dissimilar substrates including wood, glass, stone, metal, polystyrene, polyacrylic, and fiber reinforced plastics (FRP)

**FLEXIBLE BONDS:** Its elastomeric polyurethane formula creates high-strength bonds that are ideal for a plethora of marine, transportation, and construction applications

**WITHSTAND THE ELEMENTS:** Seal hulls, windows, and door frames by forming a water-tight seal that can handle temperatures ranging from -40 °F (-40 °C) to 194 °F (90 °C)

**FAST CURE:** Fast set and cure time increases productivity, forming a paintable skin in 60-90 minutes

**EASY TO USE:** One component adhesive for easy application with no mixing or guesswork

## Typical properties

Adhesive Type: Polyurethane

Application Method: Hand or pressure caulk

Assembly Type: Panel to Frame/Stiffener to Panel

Brands: 3M™

Container Size (Imperial): 5 Gal. (US), 10.5 fl oz (US), 11.8 fl oz (US), 13.5 fl oz (US), 20.3 fl oz (US), 50 Gal. (US)

Container Size (Metric): 18.9 Liter, 189.3 Liter, 310 ml, 310.53 ml, 350 ml, 400 ml, 600 ml

Full Cure Time: >4 mm/24 hr

Hardness: 45 Shore A

Heat Resistance: 175 Degree Fahrenheit

Industries: Construction, General Industrial, Transportation

Modulus at 100%: 150 Pound-Force Per Square Inch, 87 Pound-Force Per Square Inch

Physical Form: Medium paste

Product Color: Black, Gray, White

Product Form: Cartridge, Each, Gallon, Package

Solids Weight Percent (Approximate): 90 %

Surface Type: Painted Surface

Tack-free Time: 1 hr

Tensile Strength (Imperial): 300 psi

Units per Case: 1.0,12.0

Volume (Imperial): 50 fl oz

eClass 14 Classification Group: 23330106



# 3M™ Scotch-Weld™ Epoxy Adhesive DP125, Gray, 200 mL Duo-Pak, 12 Pack/Case

Part Number DP125 3M Product Number DP125 3M ID 7000121264

## Details

**VARIOUS APPLICATIONS:** For metal, ceramics, stone, wood, and many plastics  
**A VARIETY OF INDUSTRIES:** Offers secure bonding in transportation, metalworking, signage, specialty vehicle, electronics, construction, and many more

**TOLERATES THERMAL EXPANSION:** Maintains a strong bond under expansion, contraction, and limited movement

**FOR CHALLENGING APPLICATIONS:** Provides a secure bond on dissimilar surfaces

**TIME TO ADJUST:** Allows up to 25 minutes of open working time to reposition the project

**FULL CURE TIME:** Fully cured in 7 days at a temperature of 73 °F (23 °C)

**CERTIFICATIONS:** Is UL 94 HB Certified

**PRODUCT OPTIONS:** Available in bulk form or a Duo-Pak (DP) and translucent or gray

**DIGITAL DISPENSING ASSISTANT:** Help reduce setup time using a free automation tool for time-pressure automated systems

## Typical properties

Adhesive Type: Epoxy

Application: Bonding, Encapsulating, Potting, Sealing

Brands: Scotch-Weld™

Container Size (Imperial): 6.76 fl oz

Container Size (Metric): 200 mL

Design Challenges: Impact & Shock Absorption, Noise Vibration & Harshness Control NVH

Hardness: 70 Shore D

Industries: Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking

Open Time: 25 min @ 72 °F (22 °C)

Performance Level: Best

Physical Form: Flowable Liquid

Product Form: Cartridge

Set Time: 2.5 hr

Shear Strength: 3400 psi

Specific Gravity: 1.26

Specifications Met: UL 94 HB

Storage Temperature (Celsius): 16°C - 27°C

Storage Temperature (Fahrenheit): 60 °F - 80 °F

Surface Type: Smooth

Units per Case: 12.0

Volume (Imperial): 7.03 fl oz

Volume (Metric): 200 mL

Work Life: 25 min

# 3M™ Scotch-Seal™ Industrial Sealant 800

## Details

Reddish brown, brushable sealant  
Creates durable, long-lasting, flexible and rubbery seal  
5-10 minute tack-free time for fast application  
Adheres to many metallic surfaces

## Typical properties

Adhesive Type: Nitrile  
Application Method: Brush, Flow  
Brands: Scotch-Seal™  
Container Size (Imperial): 1 Gal. (US), 5 fl oz (US), 5 Gal. (US)  
Full Cure Time: 1 - 3 Days  
Industries: General Industrial  
Physical Form: Heavy liquid  
Product Color: Reddish Brown  
Product Form: Gallon, Tube  
Smallest Saleable Unit: Bottle, Canister  
Solids Weight Percent (Approximate): 51.5 %  
Surface Type: Metal  
Tack-free Time: 5 min  
Units per Case: 36.0,1.0,4.0  
eClass 14 Classification Group: 23330106

# 3M™ Scotch-Weld™ Epoxy Adhesive DP100

## Details

**FOR A VARIETY OF SUBSTRATES:** Ideal for use on wood, metal, glass, stone, and various plastics

**MULTIPLE APPLICATIONS:** Provides secure structural bonding in transportation, general industrial, construction, consumer goods, electrical, signage segments, and many more

**STRONG EPOXY:** Cures to a rigid state that helps with long-lasting bonds

**TRANSPARENT BOND LINES:** Has a low viscosity, clear formulation for a seamless result

**OPPORTUNITY TO ADJUST AND REPOSITION:** Allows up to 5 minutes of open working time

**CURING TIME:** Fully cured in 24-48 hours at a temperature of 73 °F (23 °C)

**CERTIFICATIONS:** Is UL 94 HB Certified

**PRODUCT OPTIONS:** Available in bulk form or a Duo-Pak (DP)

## Typical properties

Adhesive Type: Epoxy

Application: Potting

Brands: Scotch-Weld™

Container Size (Imperial): 1.64 fl oz, 5 gal, 6.76 fl oz, 13.52 fl oz

Container Size (Metric): 18.93 L, 48.5 mL, 200 mL, 400 mL

Design Challenges: Impact & Shock Absorption, Noise Vibration & Harshness Control NVH

Hardness: 80 - 85 Shore D

Industries: Construction, Consumer Goods, Electronics, General Industrial, MRO, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking

Open Time: 5 min @ 72 °F (22 °C)

Physical Form: Flowable Liquid

Product Form: Cartridge

Set Time: 20 min

Shear Strength: 1500 psi

Smallest Saleable Unit: Each

Specific Gravity: 1.16, 1.17, 1.15

Specifications Met: UL 94 HB

Storage Temperature (Celsius): 22°C

Storage Temperature (Fahrenheit): 72 Degree Fahrenheit

Surface Type: Smooth, Unpainted

Units per Case: 1.0, 12.0, 6.0

Volume (Imperial): 1.71 fl oz, 5 gal, 7.03 fl oz, 14.07 fl oz

Volume (Metric): 18.9 L, 48.5 mL, 200 mL, 400 mL

Work Life: 4 - 8 min, 5 min

eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Epoxy Adhesive 2214 Regular

## Details

VERSATILE APPLICATIONS: Bonds a variety of substrates, including metal, plastics, glass, and more

FOR A VARIETY OF INDUSTRIES: Ideal for the construction, general aerospace, transportation, and specialty vehicle industries

AGGRESSIVE BOND: Provides a secure bond in challenging conditions such as environmental elements

EXTREME-TEMPERATURE USE: Ideal for bonding metals and other substrates within a temperature range of -67 °F to 250 °F (-55 °C to 121 °C)

AMPLE TIME FOR REWORK: This product allows for rework until heat is applied

FAST HEAT CURING: Fully cured in 40 minutes at 250 °F (121 °C)

FLAMMABILITY TESTING: Meets the standard for UL 94 HB

COLOR: Gray

## Typical properties

Adhesive Type: Epoxy

Brands: Scotch-Weld™

Container Size (Imperial): 1 Quart, 5 Gallon, 6 fl oz (US)

Container Size (Metric): 0.95 Liter, 18.93 Liter, 177.44 ml

Design Challenges: Impact & Shock Absorption, Noise Vibration & Harshness Control NVH

Flame Retardant: UL94 HB

Full Cure Time: 40 min @ 250 °F (121 °C)

Hardness: 85 Shore D

Indoor/Outdoor: Both

Industries: Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking

Physical Form: Paste

Product Color: Gray

Product Form: Gallon, Quart

Product Type: Epoxy Adhesive

Shear Strength: 4500 psi

Smallest Saleable Unit: Each

Specific Gravity: 1.44

Storage Temperature (Celsius): 4.0 °C

Storage Temperature (Fahrenheit): 40.0 °F

Units per Case: 1.0,2.0,6.0

Viscosity: Non-sag

Viscosity Range (cps) at Room Temperature: 1000000+

Volume (Imperial): 1 qt, 5 gal, 6 fl oz

Volume (Metric): 177 mL, 950 mL

eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Epoxy Potting Compound DP270

## Details

Features a 70 minute work life  
Rigid potting compound is non-corrosive to copper  
Minimal exotherm and very low shrinkage  
Flammability testing per UL94 HB

## Typical properties

Adhesive Type: Epoxy  
Brands: Scotch-Weld™  
Container Size (Imperial): 1.64 fl oz, 5 gal  
Container Size (Metric): 18.93 L, 48.5 mL  
Design Challenges: Noise Vibration & Harshness Control NVH  
Full Cure Time: 48 hr  
Hardness: 83 Shore D  
Industries: Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Open Time: 60 min @ 72 °F (22 °C)  
Performance Level: Good  
Physical Form: Paste  
Product Form: Kit  
Set Time: 3 hr  
Shear Strength: 2500 psi  
Specific Gravity: 1,1.15  
Specifications Met: UL 94 HB  
Storage Temperature (Celsius): 22°C  
Storage Temperature (Fahrenheit): 72 Degree Fahrenheit  
Surface Type: Unpainted, Very Rough  
Units per Case: 1.0,12.0  
Volume (Imperial): 1.71 fl oz, 5 gal  
Volume (Metric): 19 L, 48.5 mL  
Work Life: 60 min  
eClass 14 Classification Group: 23330109

# 3M™ HoldFast 70 Spray Adhesive

## Details

Versatile adhesive ideal for construction sites

Creates quick bonds for temporary and permanent needs

Very fast-tacking adhesive bonds almost immediately and has a long bonding range

Portable container provides a spray pattern with low soak-in and no overspray

Bonds polystyrene without damaging the material or degrading the surface

## Typical properties

Adhesive Type: Synthetic Elastomer

Application: Adhering Floor Coverings, Bond Polystyrene Foam Panels, Fastening Headliner & Ceiling Systems, Insulation Attachment, Protection - Sheet Waterproofing

Application Method: Spray

Brands: 3M™

Container Size (Imperial): 8.5 lb., 27.3 lb., 139 lb., 288 lb.

Container Size (Metric): 3.9 kg, 12.4 kg, 63 kg, 130.6 kg

Flame Retardant: Flammable

Form: Aerosol

Heat Resistance: 190 Degree Fahrenheit

Heat Resistance (Celsius): 88 °C

Industries: Construction, Furniture, MRO, Specialty Vehicle, Transportation

Open Time: 1 - 60 min

Product Color: Transparent

Product Form: Cylinder

Smallest Saleable Unit: Each

Solids Weight Percent (Approximate): 15 % - 25 %, 21 %

Spray Pattern: Lace

Units per Case: 1.0

eClass 14 Classification Group: 23330115

# 3M™ Scotch-Weld™ Instant Adhesive CA4

## Details

Bonds to a number of substrates, including plastics and rubbers  
High strength and impact resistance  
Reaches handling strength in under 40 seconds  
Low viscosity adhesive is easily applied from the bottle  
Strong, durable and long lasting bond on a variety of substrates

## Typical properties

Adhesive Type: Cyanoacrylate, Instant Adhesive  
Brands: Scotch-Weld™  
Container Size (Imperial): 0.07 Ounce, 1 fl oz (US), 1 lb.  
Container Size (Metric): 0.45 kg, 2 g, 29.57 ml  
Design Challenges: Impact & Shock Absorption  
For Use On: Glass & Ceramics, Wood, Plastic (Polyolefins and Thermoplastic Elastomers), Fabric, Felt, Cork & Fibrous Glass, Plastic (High Performance Nylon), Flexible Foam (Latex, Urethane), Leather, Metal, Rubber (Except EPDM), Paper & Cardboard, EPDM Rubber, Rigid Foam (Urethane), Rigid Foam (Beadboard Styrene), High Surface Energy, (400-1100 Dynes/cm), Plastic (ABS, PVC, Acrylic), Plastic (Flexible Vinyl), Smooth  
Full Cure Time: 24 Hours @ 72 F (22 C)  
Indoor/Outdoor: Both  
Industries: Construction, Consumer Goods, Electronics, General Industrial, MRO, Medical, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Maximum Operating Temperature (Celsius): 82 °C  
Maximum Operating Temperature (Fahrenheit): 180 °F  
Net Weight (Imperial): 1 oz, 1 lb  
Net Weight (Metric): 28.3 g, 453 g  
Physical Form: Liquid  
Product Color: Transparent  
Product Form: Tube  
Product Type: Instant Adhesive  
Set Time: 5-40 Seconds  
Shear Strength: 2300 psi  
Specific Gravity: 8.7 Pound Per Gallon (US)  
Storage Temperature (Celsius): 22°C  
Storage Temperature (Fahrenheit): 72 F (22 C), 72 Degree Fahrenheit  
Units per Case: 1.0, 24.0, 12.0  
Viscosity: Self-leveling  
Volume (Imperial): 1 fl oz  
Work Time: 5-40 Seconds  
eClass 14 Classification Group: 23330105

# 3M™ Neoprene High Performance Contact Adhesive 1357

## Details

FOR INDUSTRIAL USE ONLY: This product is designed exclusively for industrial applications

HIGH-PERFORMANCE: Functions as a laminating contact adhesive

LONG-LASTING: Ensures no soak-in over time

ADHERES SHEET METALS: Ideal for bonding stainless steel, aluminum, cold-rolled steel, and many plastics to numerous other substrates

MADE FOR CHALLENGING CONDITIONS: Delivers excellent moisture and heat resistance, performing up to 250 °F (121 °C)

APPLY YOUR WAY: Available in tubes, cans, or pails

## Typical properties

Application: Bond Polystyrene Foam Panels, Interior Gasket & Seal Attachment, Rubber & Vinyl Floor Bonding, Wall Lining and Flooring

Application Method: Brush, Spray

Application Temperature From (Celsius): -30 °C

Application Temperature To (Celsius): 150 °C

Assembly Type: Large Surface Lamination

Brands: 3M™

Case Quantity: 12.0 Bags per Case, 36.0 Bags per Case

Container Size (Imperial): 1 Liquid Pint (US), 1 Quart, 1 Gallon, 5 Gallon, 5 fl oz (US), 55 Gallon

Container Size (Metric): 1 Liter, 3.8 Liter, 18.93 Liter, 150 ml, 208.2 Liter, 473 ml

Environmental Considerations: California Air Resources Board, GREENGUARD® Certified, Helps contribute to LEED® credits, Ozone Transport Commission, SCAQMD

Flame Retardant: Flammable

Form: Liquid, Paste

Heat Resistance: <230 Degree Fahrenheit

Heat Resistance (Celsius): <110 °C

Industries: Construction, Furniture, General Industrial, MRO, Packaging, Retail, Specialty Vehicle, Transportation, Woodworking

Open Time: 30 min

Physical Form: Thin liquid

Product Color: Gray, Light Yellow

Product Form: Bulk, Tube

Product Type: Adhesive

Solids Weight Percent (Approximate): 23 % - 27 %

Surface Type: Metal, Neoprene, Plastic, Plastic Laminate, Wood

Units per Case: 36.0, 1.0, 12.0, 4.0

eClass 14 Classification Group: 23330115



# **3M™ Scotch Weld™ Applicator Tip for Core Reinforcement**

Part Number NT CR-1 3M Product Number NT CR-1 3M ID 7010401504

## **Details**

For use with 3M™ Low Density Void Filler Adhesives  
Fits securely on a round 13 mm OD mixing nozzle  
Reduces worker touch time

## **Typical properties**

Brands: 3M™  
Factory ISO Certification: No ISO Certification information available  
Material: Plastic  
Product Form: Each  
Product Type: Tip  
Tip Style: Sealer  
eClass 14 Classification Group: 21045111

# **3M™ Thermal Bonding Film 588**

3M ID B10167365

## **Details**

- Flexible
- Heat or solvent activation
- Can be die-cut
- Heat crosslinkable option

## **Typical properties**

eClass 14 Classification Group: 23330301

## **3M™ Acryl Putty**

### **Details**

Putty fills minor surface imperfections  
Easy working properties include good spreadability  
Leaves smooth edges with quality feathering  
Low shrinkage offers better final results  
Available in fast, medium and slow drying formulas

### **Typical properties**

Application: Applying Body Filler, Dent Fill, Pinhole Fill, Scratch Removal, Scratch Repair  
Case Quantity: 12.0 Tubes per Case  
Consistency: Putty  
Container Size (Imperial): 14.5 Ounce  
Container Size (Metric): 411.068 g  
Container Type: Tube  
Container Volume: 14.5 Ounce  
Dry Time: 20 min, 25 min  
Handling Time: 1.5 Minutes  
Material: Acryl  
Performance Level: Best  
Product Color: Green, Red, White  
Product Form: Putty  
Product Type: Glaze Putty, Putty  
Sand Time: 15 Minute, 20 Minute, 25 Minute  
Volume (Imperial): 14.5 fl oz  
Volume (Metric): 428 mL  
Work Time: 1.5 Minutes, 2 min, 2.5 min  
eClass 14 Classification Group: 22170700

# 3M™ Scotch-Weld™ Instant Adhesive CA8

## Details

Bonds to a number of substrates, including metals, plastics and rubbers  
High strength and impact resistance  
Reaches handling strength in under 40 seconds  
Low viscosity adhesive is easily applied from the bottle  
Strong, durable and long lasting bond on a variety of substrates

## Typical properties

Adhesive Type: Instant Adhesive  
Brands: Scotch-Weld™  
Container Size (Imperial): 0.07 Ounce, 1 fl oz (US), 1 lb.  
Container Size (Metric): 0.45 kg, 2 g, 29.57 ml  
Design Challenges: Impact & Shock Absorption  
For Use On: Glass & Ceramics, Wood, Plastic (Polyolefins and Thermoplastic Elastomers), Plastic (High Performance Nylon), Flexible Foam (Latex, Urethane), Fabric, Felt, Cork & Fibrous Glass, Leather, Metal, Paper & Cardboard, Rubber (Except EPDM), EPDM Rubber, Rigid Foam (Urethane), Rigid Foam (Beadboard Styrene), High Surface Energy, (400-1100 Dynes/cm), Plastic (ABS, PVC, Acrylic), Plastic (Flexible Vinyl), Smooth  
Full Cure Time: 24 Hours @ 72 F (22 C)  
Indoor/Outdoor: Both  
Industries: Construction, Consumer Goods, Electronics, General Industrial, MRO, Medical, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Maximum Operating Temperature (Celsius): 82 °C  
Maximum Operating Temperature (Fahrenheit): 180 °F  
Net Weight (Imperial): 0.07 oz, 1 oz, 1 lb  
Net Weight (Metric): 2 g, 28.3 g, 453 g  
Physical Form: Liquid  
Product Color: Transparent  
Product Form: Tube  
Product Type: Instant Adhesive  
Set Time: 5-40 Seconds  
Shear Strength: 2000 psi  
Specific Gravity: 8.7 Pound Per Gallon (US)  
Storage Temperature (Celsius): 22°C  
Storage Temperature (Fahrenheit): 72 F (22 C), 72 Degree Fahrenheit  
Units per Case: 24.0, 1.0, 12.0  
Viscosity: Self-leveling  
Viscosity Range (cps) at Room Temperature: 70-130  
Volume (Imperial): 1 fl oz  
Work Time: 5-40 Seconds  
eClass 14 Classification Group: 23330105

## **3M™ Hi-Strength 90 Contact Adhesive, 17.6 oz (498 g)**

3M ID CBGNAWUS1408 UPC 00021200300233

### **Details**

INDUSTRIAL STRENGTH spray glue provides secure adhesion in 15 seconds to 30 minutes

ADHESIVE FORMULA ALLOWS FOR QUICK REPOSITIONING for perfect placement

IDEAL FOR materials including rubber, fabric, glass, metal, wood, cork, flexible foam, plastic, cardboard, fiberglass insulation, drywall, and more

ADDITIONAL USES INCLUDE crafts, household repairs, acoustic soundproofing, decorating, construction, cosmetic automotive fixes, and more

ADHESIVE RESISTS SEEPAGE for a stronger bond

MINIMIZES MESS you may experience with other adhesives including glues, contact cement, glue sticks, super glue, and more

PROVIDES EXCELLENT COVERAGE on larger surfaces

ADJUSTABLE NOZZLE for precision spray control

NOT FOR SALE IN CALIFORNIA

### **Typical properties**

Factory ISO Certification: No ISO Certification information available

Net Weight (Imperial): 17.6 oz

eClass 14 Classification Group: 23330115

## **Scotch® No Mess Glue Stick 00382CL, 0.27 oz/stick, 0.54 oz/pk**

3M ID 70071492485 UPC 00051135812389

### **Details**

Eliminates clumping and wrinkling on most papers  
Gives your project a quality, wrinkle-free appearance  
Photo safe - in accordance with ISO Standard 18916  
Acid free - Ph above 7.0, conforms to ASTM D-4236  
Non-toxic and washable

### **Typical properties**

Acid Free: Yes  
Brands: Scotch®  
Factory ISO Certification: No ISO Certification information available  
Net Weight (Imperial): 0.54 oz  
Photo Safe: Yes  
Product Type: Crafting  
eClass 14 Classification Group: 23330113

## **3M™ High Strength Crack Repair CR-10-CLK, 10Oz, Caulk Tube**

3M ID 70009113104 UPC 00068060654250

### **Details**

QUICK AND EASY caulk gun application for long wall or ceiling cracks and fractures

MAKES REPAIRS 3X FASTER than traditional vinyl spackling

FOR INTERIOR OR EXTERIOR REPAIRS when sealed with exterior paint

REPAIR DAMAGED AREAS on walls and ceilings

IDEAL FOR repairing large holes, cracks and damaged surfaces in drywall, plaster, stucco, concrete and wood

FIBER REINFORCED for strength

NO SHRINKING, CRACKING OR SAGGING

EASY TO SAND

LIGHT IN WEIGHT, HEAVY IN STRENGTH

HOLDS STRONG for lasting repairs

Not recommended for structural joints or stress cracks

### **Typical properties**

Brands: 3M™

Container Size (Imperial): 10 fl oz (US)

Factory ISO Certification: No ISO Certification information available

Features: Fiber Reinforced

Product Use: Large Hole Repair

eClass 14 Classification Group: 22170700

## **3M™ Channel Bonding and Sidelite Adhesive, 08641, 47.3 mL Cartridge, 6 per case**

3M ID 7000119888 UPC 00051135086414

### **Details**

Epoxy for bonding glass to metal or plastic on vehicles  
Recommended for either stationary or movable glass applications  
Rapidly curing epoxy gets a car ready for the road sooner  
Black color maintains O.E.M. appearance

### **Typical properties**

Adhesive Type: Epoxy  
Application: Bonding  
Brands: 3M™  
Case Quantity: 6  
Consistency: Paste  
Container Size (Imperial): 1.6 fl oz  
Container Size (Metric): 47.3 mL  
Container Type: Cartridge  
Cure Time: 24 hr  
Paint Time: 24 Minute  
Time to Handling Strength: 1-2 hours  
Volume (Imperial): 1.6 fl oz  
Volume (Metric): 47.3 mL  
Work Life: 10 min  
eClass 14 Classification Group: 23330109



## **3M™ Disposable Paper Mixing Board, 20382, 12 per case**

Part Number 20382 3M ID 7100144396 UPC 00051593203828

### **Details**

Clean, non-porous surface won't contaminate body filler  
Non-soak paper means no transfer to floors or benches  
Sized for multiple mixes on one sheet  
Cost-effective – 100 sheets per board for high-volume shops

### **Typical properties**

Application: Applying Body Filler  
Brands: 3M™  
Case Quantity: 12.0 Bags per Case  
Material: Paper  
Product Color: White  
Product Type: Mixing Board

### **Dimensions and Classifications**

Overall Length (Imperial): 10 in  
Overall Length (Metric): 254 mm

## **3M™ Cylinder Adhesive Spray Tips**

### **Details**

Required for use with 3M™ Cylinder Adhesive Applicators  
Narrow, 2-18 inch width spray pattern for controlled coverage  
Supplies uniform coverage and drying times  
Easy attachment and removal  
Numbered by angle of spray pattern and orifice size

### **Typical properties**

Application Method: Spray  
Brands: 3M™  
Industries: Construction, Consumer Goods, Electronics, General Industrial,  
Military & Government, Specialty Vehicle, Transportation  
Product Form: Accessory  
Product Type: Tip  
Tip Style: Spray  
Units per Case: 1.0  
eClass 14 Classification Group: 21045111

## **3M™ Scotch-Weld™ Threadlocker TL42**

### **Details**

Prevents nuts and bolts from loosening with vibration  
Fills and seals threads completely to help stop corrosion, rust and leaks  
Eliminates the need for lock washers and other locking components  
Blue, medium removal torque  
Long open time anaerobic adhesives that cure quickly  
Helps keep production equipment up and running

### **Typical properties**

Adhesive Type: Anaerobic  
Application: Equipment Maintenance  
Assembly Type: Small Joint Assembly  
Brands: Scotch-Weld™  
Breakaway Torque Strength: 70 lb.in - 200 lb.in  
Container Size (Imperial): 0.03 fl oz (US), 0.33 fl oz (US), 1 Quart, 1.69 fl oz (US), 8.45 fl oz (US)  
Container Size (Metric): 1 Liter, 1 ml, 10 ml, 50 ml, 250 ml  
Industries: General Industrial, MRO, Metalworking, Signage, Specialty Vehicle, Woodworking  
Maximum Operating Temperature (Celsius): 149 °C  
Maximum Operating Temperature (Fahrenheit): 300 °F  
Physical Form: Liquid  
Prevailing Torque Strength: 20 lb.in - 200 lb.in  
Product Color: Blue  
Product Type: Thread locker  
Removability: Removable with hand tools  
Set Time: 10 min - 30 min  
Storage Temperature (Celsius): 22°C  
Storage Temperature (Fahrenheit): 72 Degree Fahrenheit  
Threadlocking Strength: Medium  
Viscosity Range (cps) at Room Temperature: 800-1,600  
eClass 14 Classification Group: 23330111

## **3M™ Fast 'N Firm™ Seam Sealer, 08505, 1/10 gal Cartridge, 12 per case**

Part Number 08505 3M ID 7000045495 UPC 00051135085059

### **Details**

**HEAVY-BODY CONSISTENCY:** Non-sagging for clean, efficient tooling in vertical and horizontal seams

**WORK FASTER:** Stay productive with a fast setting sealer that's tack-free in as little as 25 minutes

**HIGH SOLID FORMULA:** Provides low shrinkage for reliable results

**PAINTABLE IN MINUTES:** Seals can be painted over in as few as 45 minutes

**VERSATILE APPLICATION:** Door hem flanges, exterior seams/joints, and overlapping sheet metal

### **Typical properties**

Adhesive Type: Synthetic Resin

Application: Sealing

Brands: Fast N' Firm™

Case Quantity: 12.0 Cartridges per Case

Container Size (Imperial): 0.1 Gallon

Container Size (Metric): 379 ml

Container Type: Cartridge

Dry Time: 30 min

Form: Paste

Full Cure Time: 1/8 in per 24 Hours

Handling Time: 5 - 10 min

Paint Time: 45 Minute

Product Color: Beige

Surface Type: Metal

Tack-free Time: 25 min - 40 min

Work Time: 5 - 10 min (varies with heat, humidity)

eClass 14 Classification Group: 23330106

# **3M™ Super Red Putty**

3M ID B40067514

## **Details**

1K putty for minor surface blemishes  
Feathers out to a smooth surface  
Cured putty sands easily, even after overnight drying  
Nitrocellulose-base putty offers generous 3-minute working time

## **Typical properties**

eClass 14 Classification Group: 22170700

## 3M™ Urethane Seam Sealer

### Details

**VERSATILE APPLICATION:** A high-quality, single-component formula adheres well to bare metal, primed metal, and painted surfaces

**MOISTURE CURING PROPERTIES:** Provides excellent performance in high-heat and humid environments

**PERMANENT ELASTICITY:** A non-shrinking, non-cracking, low-to-no odor formula remains flexible and offers superior results to solvent-based sealers

**PAINTABLE IN MINUTES:** Work faster using a sealer that is paintable in just 30-45 minutes

**GAP-FILLING CONSISTENCY:** Thick consistency enables the filling of large voids while helping to prevent corrosion

**SEAL YOUR WAY:** Can be smoothed to a featheredge or brushed

### Typical properties

Adhesive Type: Urethane

Application: Joint Filling, Sealing

Case Quantity: 6.0 Packs per Case, 12.0 Cartridges per Case

Consistency: Paste

Container Size (Imperial): 10.4 fl oz (US)

Container Size (Metric): 310 ml

Container Type: Cartridge, Flex-pack

Cure Time: 24 hr

Full Cure Time: 1/8 in per 24 Hours

Handling Time: 10 min - 20 min

Paint Time: 30 Minute

Product Color: Beige, Black, Gray, White

Product Form: Paste

Shelf Life in Months (From Date of Manufacture): 12

Surface Type: Painted Surface

Tack-free Time: 25 min - 40 min, 30 min, 40 min

Work Time: 10 min (varies with heat, humidity), 5 - 10 min (varies with heat, humidity)

eClass 14 Classification Group: 23330106

# **Dynatron™ Glazing & Spot Putty**

3M ID B40067522

## **Details**

One-part application from an easy dispensing tube  
Fast drying – sandable in 30 minutes for greatly increased productivity  
Formula retains flexibility with minimal shrinkage  
Non-staining to help ensure a consistent paint finish

## **Typical properties**

eClass 14 Classification Group: 22170700

## **3M™ Adhesion Promoter AC-160**

### **Details**

Allows for faster initial adhesion build rate of polysulfide sealant  
Water-borne product for solvent sensitive surfaces  
One component formula for simple application  
Available in various packaging sizes to meet a range of production needs

### **Typical properties**

Application: Sealing  
Brands: 3M™  
Composition: Water Borne  
Cure Temperature: Room Temperature  
Density: 1 Gram per Liter  
Factory ISO Certification: No ISO Certification information available  
Product Type: Adhesion Promoter  
Volume (Imperial): 0.54 fl oz, 2 fl oz, 5 gal, 16 fl oz  
Volume (Metric): 16 mL, 18.93 L, 59.15 mL, 473.18 mL  
eClass 14 Classification Group: 23330504



## **3M™ Aerospace Sealant AC-735**

### **Details**

Non-chromate corrosion inhibitive formula helps comply with chromate reduction initiatives

Easier application – requires less mixing time and less tooling to apply

Low density formula weighs 3–4 lbs. less per gallon than traditional sealants

Available in Class A and B to meet a range of requirements

Quick cure allows increased throughput

Low shrinkage results in less rework

### **Typical properties**

Application: Corrosion Protection, Sealing

Application Life: 2 Hour, 30 Minute

Container Size (Imperial): 1 Ounce, 1 Pint, 2.5 Ounce, 5 Gallon, 6 Ounce

Cure Type: Fast Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 0.5 Ounce, 2 Ounce, 3.5 Ounce, 5 Gallon, 12 Ounce

eClass 14 Classification Group: 22171000

# 3M™ Hi-Strength Postforming 94 CA Adhesive

## Details

Provides a longer open time and more aggressive tack than comparable adhesives  
Permits immediate repositioning while providing long-lasting strength  
Ideal for applications involving large surfaces  
GREENGUARD™ certified  
Available in cylinder or bulk packaging

## Typical properties

Application: Adhering Floor Coverings, Fastening Headliner & Ceiling Systems, Insulation Attachment, Interior Gasket & Seal Attachment, Large Surface Lamination Assembly  
Application Method: Spray  
Assembly Type: Large Surface Lamination  
Brands: 3M™  
Container Size (Imperial): 26.2 lb., 128 lb.  
Container Size (Metric): 11.9 kg, 58 kg, 85.3 kg  
Environmental Considerations: SCAQMD  
Flame Retardant: Flammable  
Form: Aerosol, Liquid  
Heat Resistance: <230 Degree Fahrenheit  
Heat Resistance (Celsius): <110 °C  
Industries: Furniture, General Industrial, MRO, Specialty Vehicle, Transportation, Woodworking  
Open Time: 1 - 15 min  
Product Color: Red, Transparent  
Product Form: Cylinder  
Solids Weight Percent (Approximate): 28 %, 30 % - 40 %  
Spray Pattern: Pebble  
Surface Type: Metal, Rubber  
Units per Case: 1.0  
eClass 14 Classification Group: 23330115

# 3M™ Scotch-Weld™ Epoxy Adhesive EC-3531 B/A FR

## Details

Self-extinguishing, flame retardant adhesive passes 14 CFR 25.853 (a) Burn Test requirements  
4-8 minute work life after mixing  
Applies easily with convenient cartridges, resulting in minimal waste  
1:1 mix ratio simplifies mixing  
Does not contain intentionally added brominated or antimony-based flame retardants

## Typical properties

Adhesive Type: Epoxy  
Container Size (Imperial): 1.64 fl oz, 6.76 fl oz, 10 gal  
Container Size (Metric): 37.85 L, 48.5 mL, 200 mL  
Cure Temperature: Room Temperature  
Factory ISO Certification: No ISO Certification information available  
Features: Flame Retardant  
Product Form: Kit  
Time to Handling Strength: 30 min  
eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Instant Adhesive CA100

## Details

High strength and impact resistance  
Bonds to a number of substrates, including plastics and rubbers  
Reaches handling strength in under 70 seconds  
Medium viscosity adhesive is easily applied from the bottle

## Typical properties

Adhesive Type: Instant Adhesive  
Brands: Scotch-Weld™  
Container Size (Imperial): 1 lb., 1 fl oz (US)  
Container Size (Metric): 0.45 kg, 29.57 ml  
Design Challenges: Impact & Shock Absorption  
For Use On: Glass & Ceramics, Plastic (Polyolefins and Thermoplastic Elastomers), Wood, Flexible Foam (Latex, Urethane), Fabric, Felt, Cork & Fibrous Glass, Plastic (High Performance Nylon), Glass, Leather, Metal, Rubber (Except EPDM), Paper & Cardboard, EPDM Rubber, Rigid Foam (Urethane), Rigid Foam (Beadboard Styrene), High Surface Energy, (400-1100 Dynes/cm), Plastic (ABS, PVC, Acrylic), Plastic (Flexible Vinyl), Smooth  
Full Cure Time: 24 Hours @ 72 F (22 C)  
Indoor/Outdoor: Both  
Industries: Construction, Consumer Goods, Electronics, General Industrial, MRO, Medical, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Maximum Operating Temperature (Celsius): 93 °C  
Maximum Operating Temperature (Fahrenheit): 175 °F  
Net Weight (Imperial): 1 lb, 1 oz  
Net Weight (Metric): 28.3 g, 453 g  
Physical Form: Liquid  
Product Color: Transparent  
Product Form: Bottle  
Product Type: Instant Adhesive  
Set Time: 20-70 Seconds  
Shear Strength: 2000 psi  
Specific Gravity: 8.7 Pound Per Gallon (US)  
Storage Temperature (Celsius): 22°C  
Storage Temperature (Fahrenheit): 72 F (22 C), 72 Degree Fahrenheit  
Units per Case: 1.0, 12.0  
Viscosity: Self-leveling  
Viscosity Range (cps) at Room Temperature: 2,500-4,500  
Volume (Imperial): 1 fl oz  
Work Time: 20-70 Seconds  
eClass 14 Classification Group: 23330105

# 3M™ Scotch-Weld™ Structural Adhesive Film AF 30

## Details

- Designed for 350°F (175°C) cure
- High shear strength and peel strength
- Excellent flexibility and toughness
- Can be pressure, heat or solvent tacked in position
- Retains strength after aging in many environments
- Offers adhesion to most metals
- Extremely low flow

## Typical properties

- Adhesive Type: Nitrile Phenolic
- Application: Bonding, Structural Bonding, Surfacing
- Cure Rate: 1 hr
- Curing Temperature (Celsius): 177 °C
- Curing Temperature (Fahrenheit): 350 °F
- Factory ISO Certification: No ISO Certification information available
- Maximum Operating Temperature (Celsius): 175 °C
- Maximum Operating Temperature (Fahrenheit): 350 °F
- Minimum Operating Temperature (Celsius): -55 °C
- Minimum Operating Temperature (Fahrenheit): -67 °F
- Nominal Adhesive Thickness (Imperial): 10 mil, 12 mil
- Nominal Adhesive Thickness (Metric): 0.254 mm, 0.305 mm
- Product Color: Light Brown
- Product Form: Roll
- Storage Environment: Refrigeration Storage
- Substrate: Metal
- eClass 14 Classification Group: 23330301

## Dimensions and Classifications

- Overall Length (Imperial): 72 yd
- Overall Length (Metric): 65.8 m
- Overall Width (Imperial): 0.625 in, 3 in, 10 in, 20 in
- Overall Width (Metric): 16 mm, 76 mm, 254 mm, 508 mm

## **3M™ Neoprene Contact Adhesive 5**

### **Details**

High performance sprayable laminating contact adhesive  
Adheres sheet metals, such as stainless steel, aluminum, cold rolled steel and many plastics to other various substrates  
High performance laminating adhesive  
Excellent moisture and heat resistance and will perform up to up to 300°F/148°C  
Available in pails and drums

### **Typical properties**

Application: Bond Polystyrene Foam Panels  
Application Method: Spray  
Brands: 3M™  
Container Size (Imperial): 5 Gallon, 55 Gallon  
Container Size (Metric): 18.93 Liter, 208.2 Liter  
Environmental Considerations: GREENGUARD® Certified, Ozone Transport Commission, SCAQMD  
Flame Retardant: Flammable  
Form: Liquid  
Heat Resistance: <230 Degree Fahrenheit  
Heat Resistance (Celsius): <110 °C  
Industries: Construction, Furniture, General Industrial, MRO, Military & Government, Specialty Vehicle, Transportation, Woodworking  
Open Time: 30 min  
Physical Form: Thin liquid  
Product Color: Green, Light Yellow  
Product Form: Bulk  
Solids Weight Percent (Approximate): >=14.3 %  
Units per Case: 1.0  
eClass 14 Classification Group: 23330115

# 3M™ Scotch-Weld™ Structural Core Splice Film AF 3028

## Details

Variable curing temperature from 250°F (121°C) to 350°F (176°C) helps streamline production

Expands during cure for void filling and core splicing

Low density filler maintains volume against shrinkage

Low sag formula

## Typical properties

Adhesive Type: Epoxy

Application: Splicing

Factory ISO Certification: No ISO Certification information available

Maximum Cure Conditions (Celsius): 177 °C

Maximum Cure Conditions (Fahrenheit): 350 °F

Maximum Operating Temperature (Celsius): 176 °C

Maximum Operating Temperature (Fahrenheit): 350 °F

Minimum Cure Conditions (Celsius): 121 °C

Minimum Cure Conditions (Fahrenheit): 250 °F

Minimum Operating Temperature (Celsius): -55 °C

Minimum Operating Temperature (Fahrenheit): -67 °F

Nominal Adhesive Thickness (Imperial): 50 mil

Nominal Adhesive Thickness (Metric): 1.27 mm

Product Color: Off White

Product Form: Roll, Sheet

Storage Environment: Freezer Storage

eClass 14 Classification Group: 23330301

## Dimensions and Classifications

Overall Length (Imperial): 24 in, 325 in

Overall Length (Metric): 8.3 m, 610 mm

Overall Width (Imperial): 1 in, 1.25 in, 10 in

Overall Width (Metric): 25.4 mm, 32 mm, 254 mm

# 3M™ Scotch-Weld™ PUR Easy Adhesive EZ250200

## Details

200 seconds set time  
Creates high-strength bonds that are plasticizer resistant  
Bonds to a variety of materials, including wood, plastics, glass and metal  
100% solids formula with no VOCs  
180 second open time with low viscosity for joining parts together  
One component adhesive for easy application with no mixing or guesswork  
Bonds to polyethylene and polypropylene with slight surface modification  
Designed for use with the 3M™ Scotch-Weld™ PUR Applicator and unique disposable nozzles

## Typical properties

Adhesive Type: Urethane  
Application Method: Extruded from hand held or bench mounted applicators  
Brands: Scotch-Weld™  
Container Size (Imperial): 0.1 Gallon, 4.4 lb.  
Container Size (Metric): 2 kg, 310 ml  
Full Cure Time: 24 hr  
Hardness: 30 Shore D  
Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, Military & Government, Packaging, Retail, Signage, Specialty Vehicle, Transportation, Woodworking  
Product Color: White  
Product Form: Bag, Each  
Set Time: >61 Second  
Smallest Saleable Unit: Each  
Solids Weight Percent (Approximate): 100 %  
Storage Temperature (Celsius): 16 to 27 °C  
Storage Temperature (Fahrenheit): 60 to 80 Degree Fahrenheit  
Units per Case: 5.0,6.0  
Viscosity: Self-leveling  
eClass 14 Classification Group: 23330104



# 3M™ Scotch-Weld™ Toughened Epoxy Adhesive LSB60NS

## Details

Toughened for heightened resistance against shock, vibration, and impact loads  
90 minute work life provides ample time for positioning and adjustment  
Features good long-term holding power, and high peel strength  
Delivers non-sag formulation so adhesive stays where applied  
Ideal for bulk application through meter mix dispensing equipment

## Typical properties

Adhesive Type: Epoxy

Application: Bonding

Brands: Scotch-Weld™

Container Size (Imperial): 13.52 fl oz, 55 gal

Container Size (Metric): 208.2 L, 400 mL

Features: Low Odor

Hardness: 60 - 65 Shore D

Industries: Construction, General Industrial, Metalworking, Signage, Specialty Vehicle, Transportation, Woodworking

Open Time: 90 min @ 72 °F (22 °C)

Physical Form: Flowable Liquid

Product Form: Cartridge

Set Time: 10 hr

Shear Strength: 4500 psi

Specifications Met: UL 94 HB

Storage Temperature (Celsius): 22°C

Storage Temperature (Fahrenheit): 72 Degree Fahrenheit

Surface Type: Painted, Powder Coated, Unpainted

Units per Case: 6.0

Volume (Imperial): 13.52 fl oz

Volume (Metric): 400 mL

Work Life: 10 hr

eClass 14 Classification Group: 23330109

**3M™ Scotch-Weld™ Composite Surfacing Film AF 325LS, White, .059  
wt, 35  
in x 50 yd, 1 Roll/Case**

Part Number AF 325LS 3M Product Number AF 325LS 3M ID 7100064889

**Details**

Co-cure compatible with most epoxy composite prepreg systems  
Provides a smooth surface with minimal pinholes and other surface imperfections  
Reduces the need for subsequent surface filling, fairing and sanding operations  
Low density formulation aids in pre-paint surface preparation  
Operational performance range from -67°F (-55°C) to 300°F (149°C)  
Operational performance range from -67°F (-55°C) to 300°F (149°C)

**Typical properties**

Application: Surfacing  
Brands: Scotch-Weld™  
Factory ISO Certification: No ISO Certification information available  
Maximum Operating Temperature (Celsius): 149 °C  
Maximum Operating Temperature (Fahrenheit): 300 °F  
Minimum Operating Temperature (Celsius): -55 °C  
Minimum Operating Temperature (Fahrenheit): -67 °F  
Nominal Weight (Imperial): 0.059 lb/ft²  
Product Color: White  
Product Form: Roll  
eClass 14 Classification Group: 23330301

**Dimensions and Classifications**

Overall Length (Imperial): 50 yd  
Overall Length (Metric): 45.7 m  
Overall Width (Imperial): 35 in  
Overall Width (Metric): 1 m

## **3M™ Adhesion Promoter 4298UV**

3M Product Number 4298UV 3M ID B40065475

### **Details**

Helps ensure robust attachment tape bond to automotive parts

Fluorescent dye makes it easy to verify coverage

Dries in as little as 30 seconds

Suitable for use on TPO, TPU, PP and other LSE automotive substrates

Formulated for use with 3M™ Acrylic Foam Tapes and 3M™ Acrylic Plus Tapes

### **Typical properties**

eClass 14 Classification Group: 23330504

## **3M™ Impact Resistant Structural Adhesive (IRSA)**

### **Details**

**IMPACT RESISTANT:** Delivers higher impact strength compared to traditional bonding adhesives

**LASTING CORROSION PROTECTION:** Provides corrosion protection with a lifetime warranty

**24-HOUR CURE TIME:** Its one-day curing process can be accelerated with heat

**WELD OR RIVET:** Ideal for either welding or riveting bonding within working time

**VERSATILE METAL BONDING:** Adheres to a wide variety of properly-prepared steel and aluminum substrates

**BONDING YOU CAN SEE:** Colored formula dispenses silver before turning purple to indicate proper curing

**LONG SHELF LIFE:** Offers an excellent shelf life whether opened or unopened, helping to reduce unused product replacement costs

### **Typical properties**

Adhesive Type: Epoxy

Application: Attaching, Bonding, Impact Resistance

Case Quantity: 2,3

Consistency: Paste

Container Size (Imperial): 6.76 fl oz, 15.22 fl oz

Container Size (Metric): 200 mL, 450 mL

Container Type: Cartridge

Cure Time: 24 hr

Full Cure Time: 24 hr

Paint Time: 24 Hour

Time to Handling Strength: 5 min - 10 min

Volume (Imperial): 6.75 fl oz, 15.2 fl oz

Volume (Metric): 200 mL, 450 mL

Work Life: 60 min

eClass 14 Classification Group: 23330109

# **3M™ Self-Leveling Seam Sealer, 08307, 200 mL Cartridge, 6 per case**

Part Number 08307 3M ID 7000148242 UPC 00051131083073

## **Details**

**SELF-LEVELING EPOXY:** Engineered for horizontal areas requiring a flowable type sealer

**PAINTABLE IN MINUTES:** Sealed surfaces can be painted over after just 15 minutes

**TRANSPARENT COLOR:** Colorless formula makes for a low-profile appearance

**MATCHES OEM:** Cured sealer seams match for a factory look

**SPECIALLY FORMULATED:** Made for the automotive aftermarket industry

## **Typical properties**

Adhesive Type: Epoxy

Application: Sealing

Brands: 3M™

Case Quantity: 6.0 Bags per Case

Consistency: Liquid

Container Size (Imperial): 6.75 fl oz (US)

Container Size (Metric): 200 ml

Container Type: Cartridge

Full Cure Time: 1 hr

Paint Time: 15 Minute

Product Color: Transparent

Shelf Life in Months (From Date of Manufacture): 12

Surface Type: Painted Surface

Tack-free Time: 8 min

Work Time: 8 min

eClass 14 Classification Group: 23330106

# Dynatron™ Yellow Spreader

## Details

Durable plastic tool handles the rigors of the shop  
Spreader allows for precise application of body fillers, putties and glazes  
Special flexible spreading edge smooths to perfection  
Cured body filler will pop off and spreader, allowing for multiple reuses  
Available in multiple sizes

## Typical properties

Application: Applying Body Filler, Filler Shaping  
Case Quantity: 144.0 Bags per Case, 36.0 Bags per Case  
Product Color: Yellow  
Product Type: Accessory

## Dimensions and Classifications

Overall Length (Imperial): 5 in, 6 in  
Overall Length (Metric): 127 mm, 152.4 mm  
Overall Width (Imperial): 3 in  
Overall Width (Metric): 76.2 mm

# 3M™ Adhesion Promoter 111

## Details

Increases bond strength on surfaces that are traditionally difficult to adhere, such as paint and metal  
Isopropyl alcohol based solvent system dries very quickly while producing a non-offensive odor  
Increased build rate at both normal and cooler temperatures  
Acts as a primer in certain applications to clean and promote adhesion in a single step, saving time and effort

## Typical properties

Adhesive Type: Isopropyl Alcohol  
Application: Exterior Side Panel Bonding, Wall & Door Panel Attachment  
Application Temperature-Environment: -40°F-150°F  
Application Temperature-Environment (Metric): -40°C - 66°C  
Brands: 3M™  
Clean-up: Isopropyl Alcohol  
Composition: Acetone  
Dry Time: 1 min  
Full Cure Time: 1 min  
Industries: Construction, General Industrial, Metalworking, Signage, Specialty Vehicle, Transportation  
Net Weight (Imperial): 0.59 lb, 7.38 lb, 32.75 lb  
Net Weight (Metric): 0.27 kg, 3.35 kg, 14.86 kg  
Physical Form: Liquid  
Product Color: Transparent  
Product Form: Bottle, Can, Each, Gallon, Pail  
Product Type: Adhesion Promoter  
Shelf Life in Months (From Date of Manufacture): 18  
Smallest Saleable Unit: Bottle, Canister  
Solvent: Isopropyl Alcohol  
Storage Temperature (Celsius): -40°C - 66°C  
Storage Temperature (Fahrenheit): -40°F - 150°F  
Surface Type: Acrylic, Metal  
Units per Case: 1.0,4.0  
Volume (Imperial): 0.02 fl oz, 1 gal, 5 gal, 8.45 fl oz  
Volume (Metric): 3.79 L, 18.93 L, 66 mL, 250 mL  
eClass 14 Classification Group: 23330504

## Dimensions and Classifications

Overall Height (Imperial): 2.29 in, 10.279 in, 13.5 in  
Overall Height (Metric): 5.81 cm, 26.10866 cm, 34.29 cm  
Overall Length (Imperial): 4.16 in, 5.45 in, 11.97 in  
Overall Length (Metric): 10.58 cm, 30.4 cm  
Overall Width (Imperial): 6.66 in, 11.97 in

## **3M™ Hot Melt Adhesive 3747**

### **Details**

Moderate heat resistance provides long-lasting bonds that can withstand elevated temperatures

100% solids adhesive that delivers strong, tough bonds

Adheres to a wide variety of substrates to provide solutions for many applications

Flexible adhesive for ease of application and positioning

### **Typical properties**

Adhesive Type: Ethylene Vinyl Acetate

Application: Mounting & Trim Attachment, Sealing, Potting and Encapsulating, Small Joint Assembly

Application Method: Handheld Process, Spray

Assembly Type: Mounting & Trim Attachment, Small Joint Assembly

Brands: 3M™

Case Quantity: 11.0 Bags per Case

Container Size (Imperial): 11 lb., 22 lb.

Container Size (Metric): 5 kg, 10 kg

Form: Flowable Liquid

Heat Resistance: 145 Degree Fahrenheit

Heat Resistance (Celsius): 65.6°C

Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, Military & Government, Packaging, Retail, Signage, Specialty Vehicle, Transportation, Woodworking

Maximum Operating Temperature (Fahrenheit): 145 °F

Open Time: 50 Seconds

Product Color: Tan

Product Form: Pound

Shear Strength: 430 psi

Smallest Saleable Unit: Case

Solids Weight Percent (Approximate): 100 %

Surface Type: Metal, Plastic, Wood

eClass 14 Classification Group: 23330104

### **Dimensions and Classifications**

Overall Length (Imperial): 2 in, 3 in, 8 in, 12 in

Overall Length (Metric): 0.05 m, 0.07 m, 0.2 m, 0.3 m

Overall Width (Imperial): 0.45 in, 0.62 in, 1 in

Overall Width (Metric): 11.43 mm, 15.9 mm, 25.4 mm



# 3M™ Scotch-Weld™ PUR Adhesive EZ250120, Off-White, 1/10 Gallon Cartridge, 5 Each/Case

3M Product Number EZ250120 3M ID 7000046532 UPC 00051115235542

## Details

120 seconds set time for fast-paced processes and productivity  
Creates high-strength bonds that are plasticizer resistant  
Bonds to a variety of materials, including wood and many plastics  
100% solids formula with no VOCs  
Contains UV dye to easily visualize bond lines and remove excess squeeze out  
Low viscosity for very thin bond lines or for covering large surfaces  
Creates bond lines as thin as .001”-.003” on wood  
4 minute open time for joining parts together  
One component adhesive for easy application with no mixing or guesswork  
Designed for use with the 3M™ Scotch-Weld™ PUR Applicator and unique disposable nozzles

## Typical properties

Adhesive Type: Polyurethane Reactive (PUR)  
Application: Mounting & Trim Attachment, Small Joint Assembly  
Application Method: Extruded from hand held or bench mounted applicators  
Assembly Type: Mounting & Trim Attachment, Small Joint Assembly  
Brands: Scotch-Weld™  
Container Size (Imperial): 0.1 Gallon  
Container Size (Metric): 310 ml  
Full Cure Time: 24 hr  
Hardness: 60 Shore D  
Indoor/Outdoor: Both  
Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, Metalworking, Military & Government, Packaging, Retail, Signage, Specialty Vehicle, Transportation, Woodworking  
Maximum Operating Temperature (Fahrenheit): 180 °F  
Open Time: 4 min  
Physical Form: Flowable Liquid  
Product Color: White  
Product Form: Cartridge  
Set Time: >61 Second  
Smallest Saleable Unit: Each  
Solids Weight Percent (Approximate): 100 %  
Storage Temperature (Celsius): 16 to 27 °C  
Storage Temperature (Fahrenheit): 60 to 80 Degree Fahrenheit  
Units per Case: 5.0  
Viscosity: Self-leveling  
Work Time: 4 min  
eClass 14 Classification Group: 23330104

## **3M™ Flex Pack Nozzle, 08188, 25 per carton, 6 cartons per case**

Part Number 08188 3M ID 7000119729 UPC 00051135081884

### **Details**

**CONICAL NOZZLE:** Conical tapered nozzle for Flex Pack applicators

**SMOOTH APPLICATION:** Promotes smooth application of Flex Pack sealants, urethanes, and adhesives

**SECURE BARREL FIT:** Durable construction attaches securely to the applicator

**STRAIGHTFORWARD DESIGN:** Simple, lightweight construction makes replacement quick and easy

**BESPOKE COMPATIBILITY:** Made specifically for the 3M™ Flex Pack Applicator (sold separately)

### **Typical properties**

Application: Dispensing, Sealing, Seam and Joint Sealing

Brands: 3M™

Case Quantity: 6.0 Cartons per Case

Material: Plastic

Product Color: Opaque

Product Type: Nozzle

Tip Style: Sealer

eClass 14 Classification Group: 21045111

## **Bondo® Plastic Metal**

3M ID B40071611

### **Details**

Seals and fills almost any metal surface for durability and longevity  
Hardens quickly for fast repairs  
Easy to file, sand, drill and paint when dry for consistent high-quality results  
Applies to metal surfaces right from the tube for simple auto body repair  
Durable, professional-quality repairs to seams and holes in metal without mixing

### **Typical properties**

Brands: Bondo®  
eClass 14 Classification Group: 22170790

# Dynatron™ Dyna-Hair Long Strand, Filler 472, 1 qt, 12 per case

3M ID 7000125050 UPC 00076308004729

## Details

Fills splits, cracks or holes in fiberglass or metal  
Improved strength and flexibility to prevent cracking  
Waterproof, for protected use in unpainted areas  
Creates a smooth, professional-quality repair  
Compatible with most automotive paints

## Typical properties

Application: Dent Fill, Rust Out Repair  
Brands: 3M™  
Case Quantity: 12.0 Cans per Case  
Consistency: Paste  
Container Size (Imperial): 1 Quart  
Container Size (Metric): 946.353 ml  
Container Type: Can  
Dry Time: 20 min  
Handling Time: 3 - 5 min  
Paint Time: 45 Minute  
Performance Level: Good  
Product Color: Green  
Product Type: Glass Reinforced Filler  
Sand Time: 20 Minute  
Volume (Imperial): 32 fl oz  
Volume (Metric): 0.95 L  
Work Time: 4 min  
eClass 14 Classification Group: 22170700

# 3M™ Scotch-Weld™ PUR Adhesive 2710P, Black, 30ml, 24 Each/Case

3M Product Number 2710p 3M ID 7100200889

## Details

PSA-like tack  
Immediate handling strength with PSA lamination  
High bond strength to plastic

## Typical properties

Adhesive Type: Polyurethane Reactive (PUR)  
Application Method: Extruded from hand held or bench mounted applicators  
Application Temperature From (Celsius): 120 °C  
Application Temperature To (Celsius): 120 °C  
Bond Flexibility: Flexible  
Brands: Scotch-Weld™  
Container Size (Imperial): 1 fl oz (US)  
Container Size (Metric): 30 ml  
Indoor/Outdoor: Indoor  
Industries: Electronics  
Open Time: 1 - 4 min  
Physical Form: Solid  
Product Color: Black  
Set Time: 1 - 4 min  
Shelf Life in Months (From Date of Manufacture): 9  
Smallest Saleable Unit: Each  
Solids Weight Percent (Approximate): 100 %  
Storage Temperature (Celsius): 16 to 27 °C  
Storage Temperature (Fahrenheit): 60 °F - 80 °F (16 °C - 27 °C)  
Viscosity Range (cps) at Room Temperature: 4,000 - 9,000  
Work Time: 1 - 4 min  
eClass 14 Classification Group: 23330104

# **3M™ Hi-Temperature Polystyrene Insulation 78 HT Cylinder Spray Adhesive**

## **Typical properties**

Application Method: Spray

Brands: 3M™

Container Size (Imperial): 28.5 lb., 138.6 lb., 287.1 lb.

Container Size (Metric): 12.9 kg, 62.9 kg, 130.2 kg

Flame Retardant: Flammable

Form: Liquid

Industries: Construction, General Industrial, Packaging, Retail, Specialty Vehicle, Transportation

Open Time: 1 - 60 min

Product Color: Blue

Product Form: Cylinder

Smallest Saleable Unit: Each

Solids Weight Percent (Approximate): 15 % - 25 %

Units per Case: 1.0

eClass 14 Classification Group: 23330115

# **3M™ Scotch-Weld™ Bracket Bonding Adhesive EC-7202**

Part Number EC-7202 3M Product Number EC-7202 3M ID B40066548

## **Details**

General-purpose adhesive for interior bonding  
High-viscosity adhesive reduces mess, holds brackets in place without added fixtures  
Cures rapidly at room temperature  
Excellent shear and peel strength on a variety of substrates  
Contains 3M™ Glass Bubbles to ensure consistent bondline  
Available in 50mL cartridge for easy, accurate mixing

## **Typical properties**

eClass 14 Classification Group: 23330109

## **3M™ Structural Adhesive SA9816AOV**

3M Product Number SA9816AOV 3M ID B00006188

### **Details**

Developed for galvanized steel or aluminum hem flange bonding applications in body-in-white structures  
Low activation temperatures to minimize panel distortion  
Offers structural bond strength on as-received (draw lubricated) steel and aluminum  
Facilitates geo-setting of automotive panel assemblies in the body construction facility, offering the opportunity to eliminate the need for body-in-white ovens and additional fixturing outside of the hemming cell  
Non-sag performance  
High induction reactivity and e-coat compatible  
Bonds well to oily surfaces  
Good durability and stiffness  
Broad off-ratio and over-bake tolerance

### **Typical properties**

Application: Body-in-White, Bonding, Fatigue Resistance, Gap Filling, Impact Resistance  
Brands: 3M™  
Product Usage: Battery Composite Housings, Hem Flanges  
eClass 14 Classification Group: 23330109



## **3M™ Adhesion Promoter AC-137**

### **Details**

Allows for faster initial adhesion build rate of polysulfide sealant used on windshields, canopies and windows  
One component product for simple application  
Formula prevents crazing on transparent surfaces  
Available in clear or red (for visibility)

### **Typical properties**

Application: Sealing  
Composition: Solvent Based  
Cure Temperature: Room Temperature  
Density: 0.82 Gram per Liter  
Factory ISO Certification: No ISO Certification information available  
Product Color: Red, Transparent  
Product Type: Adhesion Promoter  
Volume (Imperial): 2 fl oz, 16 fl oz  
Volume (Metric): 59.15 mL, 473.18 mL  
eClass 14 Classification Group: 23330504

# 3M™ Scotch-Weld™ Structural Adhesives Primer EW-5000AS

## Details

Non-chromated  
Water-borne formula provides options for processes  
Ensures complete wetting of the adhesive to the surface  
Provides comparable performance to traditional solvent-based options  
High spray transfer efficiency helps reduce quantity of material needed  
Corrosion inhibitive pigment allows for increased service life  
Protects high-cost surface preparation processes prior to bonding  
Can be dried at ambient temperatures, allowing parts to be handled prior to bake cycle

## Typical properties

Application: Corrosion Protection, Metal Bonding  
Chemical Base: Epoxy  
Composition: Water Based (Non-chromated)  
Cure Temperature: Elevated Temperature  
Density: 1.06 Gram per Liter  
Factory ISO Certification: No ISO Certification information available  
Percent Volatile: 68.5 % by Weight  
Product Color: Green  
Product Type: Primer  
Surface Treatment: No  
Surface Type: Metal  
Volume (Imperial): 1 qt, 1 gal, 5 gal  
Volume (Metric): 0.95 L, 3.79 L, 18.93 L  
eClass 14 Classification Group: 23330504

## **3M™ Aerospace Sealant AC-730 B-1/2, 5 Gallon Kit, 1 per pallet**

Part Number AC-730 3M Product Number AC-730 3M ID 7010371673

### **Details**

Non-chromate corrosion inhibitive formula helps comply with chromate reduction initiatives

Easier application – requires less mixing time and less tooling to apply

Available in Class B and C to meet a range of requirements

Low shrinkage results in less rework

### **Typical properties**

Application: Corrosion Protection, Sealing

Application Life: 30 Minute

Brands: 3M™

Container Size (Imperial): 5 Gallon

Cure Type: Standard Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 5 Gallon

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-730 B-2, 75 g Kit, 50 Kit/Case**

Part Number AC-730 3M Product Number AC-730 3M ID 7100094934

### **Details**

Non-chromate corrosion inhibitive formula helps comply with chromate reduction initiatives

Easier application – requires less mixing time and less tooling to apply

Available in Class B and C to meet a range of requirements

Low shrinkage results in less rework

### **Typical properties**

Application: Corrosion Protection, Sealing

Application Life: 2 Hour

Brands: 3M™

Container Size (Imperial): 2 Ounce

Cure Type: Standard Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 1.5 Ounce

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-730 B-1/2, 25 Gram Kit, 50 per case**

Part Number AC-730 3M Product Number AC-730 3M ID 7100094924

### **Details**

Non-chromate corrosion inhibitive formula helps comply with chromate reduction initiatives

Easier application – requires less mixing time and less tooling to apply

Available in Class B and C to meet a range of requirements

Low shrinkage results in less rework

### **Typical properties**

Application: Corrosion Protection, Sealing

Application Life: 30 Minute

Brands: 3M™

Container Size (Imperial): 1 Ounce

Cure Type: Standard Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 0.5 Ounce

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-730 C-8, 25 Gram Kit, 50 per case**

Part Number AC-730 3M Product Number AC-730 3M ID 7100122873

### **Details**

Non-chromate corrosion inhibitive formula helps comply with chromate reduction initiatives

Easier application – requires less mixing time and less tooling to apply

Available in Class B and C to meet a range of requirements

Low shrinkage results in less rework

### **Typical properties**

Application: Corrosion Protection, Sealing

Application Life: 8 Hour

Brands: 3M™

Container Size (Imperial): 1 Ounce

Cure Type: Standard Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 0.5 Ounce

Sealant Class: C

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-730 C-8, 2 oz Kit, 24 Kit/Case**

Part Number AC-730 3M Product Number AC-730 3M ID 7000048236

### **Details**

Non-chromate corrosion inhibitive formula helps comply with chromate reduction initiatives

Easier application – requires less mixing time and less tooling to apply

Available in Class B and C to meet a range of requirements

Low shrinkage results in less rework

### **Typical properties**

Application: Corrosion Protection, Sealing

Application Life: 8 Hour

Brands: 3M™

Container Size (Imperial): 2.5 Ounce

Cure Type: Standard Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 2 Ounce

Sealant Class: C

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-730 B-2, 2 oz Kit, 24 Kit/Case**

Part Number AC-730 3M Product Number AC-730 3M ID 7000048232

### **Details**

Non-chromate corrosion inhibitive formula helps comply with chromate reduction initiatives

Easier application – requires less mixing time and less tooling to apply

Available in Class B and C to meet a range of requirements

Low shrinkage results in less rework

### **Typical properties**

Application: Corrosion Protection, Sealing

Application Life: 2 Hour

Brands: 3M™

Container Size (Imperial): 2.5 Ounce

Cure Type: Standard Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 2 Ounce

eClass 14 Classification Group: 22171000



## **3M™ Aerospace Sealant AC-730 B-2, 25 Gram Kit, 50 per case**

Part Number AC-730 3M Product Number AC-730 3M ID 7000048233

### **Details**

Non-chromate corrosion inhibitive formula helps comply with chromate reduction initiatives

Easier application – requires less mixing time and less tooling to apply

Available in Class B and C to meet a range of requirements

Low shrinkage results in less rework

### **Typical properties**

Application: Corrosion Protection, Sealing

Application Life: 2 Hour

Brands: 3M™

Container Size (Imperial): 1 Ounce

Cure Type: Standard Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 0.5 Ounce

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-730 B-1/2, qt Kit, 9 Kit/Case**

Part Number AC-730 3M Product Number AC-730 3M ID 7100094684

### **Details**

Non-chromate corrosion inhibitive formula helps comply with chromate reduction initiatives

Easier application – requires less mixing time and less tooling to apply

Available in Class B and C to meet a range of requirements

Low shrinkage results in less rework

### **Typical properties**

Application: Corrosion Protection, Sealing

Application Life: 30 Minute

Brands: 3M™

Container Size (Imperial): 1 Quart

Cure Type: Standard Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 24 Ounce

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-730 B-1/2, 6/3.5 oz Kit w/TS432, 24 Kit/Case**

Part Number AC-730 3M Product Number AC-730 3M ID 7010299845

### **Details**

Non-chromate corrosion inhibitive formula helps comply with chromate reduction initiatives

Easier application – requires less mixing time and less tooling to apply

Available in Class B and C to meet a range of requirements

Low shrinkage results in less rework

### **Typical properties**

Application: Corrosion Protection, Sealing

Application Life: 30 Minute

Brands: 3M™

Container Size (Imperial): 6 Ounce

Cure Type: Standard Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 3.5 Ounce

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-730 B-1/2, 75 g Kit, 50 Kit/Case**

Part Number AC-730 3M Product Number AC-730 3M ID 7010370469

### **Details**

Non-chromate corrosion inhibitive formula helps comply with chromate reduction initiatives

Easier application – requires less mixing time and less tooling to apply

Available in Class B and C to meet a range of requirements

Low shrinkage results in less rework

### **Typical properties**

Application: Corrosion Protection, Sealing

Application Life: 30 Minute

Brands: 3M™

Container Size (Imperial): 2 Ounce

Cure Type: Standard Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 1.5 Ounce

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-730 B-1/2, 2 oz Kit, 24 Kit/Case**

Part Number AC-730 3M Product Number AC-730 3M ID 7100094966

### **Details**

Non-chromate corrosion inhibitive formula helps comply with chromate reduction initiatives

Easier application – requires less mixing time and less tooling to apply

Available in Class B and C to meet a range of requirements

Low shrinkage results in less rework

### **Typical properties**

Application: Corrosion Protection, Sealing

Application Life: 30 Minute

Brands: 3M™

Container Size (Imperial): 2.5 Ounce

Cure Type: Standard Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 2 Ounce

eClass 14 Classification Group: 22171000

## **3M™ Scotch-Weld™ Core Splice Adhesive EC-3500 B/A**

### **Details**

High performance over a broad range of temperatures ranging from -67°F/-55°C to 350°F/177°C

Two-part epoxy kit allows for exact mixing volumes in order to reduce unnecessary waste and help with precise application where needed

Low volatile loss during cure results in uniform surface appearance

Low density and long work life ensures time for positioning and adjustments

Offers excellent shear strength even at elevated temperatures

### **Typical properties**

Adhesive Type: Epoxy

Application Life: 60 Minute

Chemical Base: Epoxy

Container Size (Imperial): 1 Quart, 1 none

Cure Temperature: 250/350 Degree Fahrenheit

Density: 0.64 g/cc

Density (Metric): 640 kg/m<sup>3</sup>

Factory ISO Certification: No ISO Certification information available

Flame Retardant: No

Product Color: Black, White

eClass 14 Classification Group: 22170700

# 3M™ Scotch-Weld™ Epoxy Adhesive EC-3501 B/A

## Details

Two-part formula cures quickly at room temperature (75°F) to form a strong durable bond in 90-120 minutes

Available in bulk or duo-pak cartridges

High shear strength for structural applications

Thick formula provides controlled flow for professional results and minimal waste

## Typical properties

Adhesive Type: Epoxy

Application: Potting

Container Size (Imperial): 1 gal, 1 pt, 2 oz, 6.76 fl oz

Container Size (Metric): 0.47 L, 3.79 L, 56.7 g, 200 mL

Cure Rate: 12 Hour

Cure Temperature: Room Temperature

Density: 1.4 Gram per Liter, 1.4 g/cc

Factory ISO Certification: No ISO Certification information available

Percent Volatile: 0 % - 5 %

Product Form: Kit

Time to Handling Strength: 30 min

Work Life: 6 - 10 min

eClass 14 Classification Group: 23330109

## **3M™ Scotch-Weld™ Structural Adhesive EC-1458**

### **Details**

Resists oil, gasoline, and aromatic solvents and fuels to maintain a strong bond  
Provides unusually strong adhesion to metal, glass, wood, synthetic rubber and many other porous and nonporous surfaces  
Excellent low-temperature flexibility  
One gallon covers approximately 200 square feet

### **Typical properties**

Adhesive Type: Pressure-sensitive  
Application: Rubber Bonding  
Container Size (Imperial): 1 Gallon, 5 Gallon  
Container Size (Metric): 3.785 Liter, 18.927 Liter  
Cure Temperature: Room Temperature  
Factory ISO Certification: No ISO Certification information available  
Form: Syrup  
Shelf Life: 4 Month  
Surface Type: Glass, Metal, Synthetic Rubber, Wood  
eClass 14 Classification Group: 23330115



# 3M™ Scotch-Weld™ Structural Adhesive Film AF 191

## Details

Designed for 350°F cure (175°C)  
Adhesive can be cured from 275°F (135°C) up to 350°F (175°C)  
Excellent elevated temperature performance  
Unsupported version available for reticulation  
High-fracture toughness and peel strength  
Available with lightweight conductive screen for lightning strike/composite surfacing

## Typical properties

Adhesive Type: Epoxy  
Application: Bonding, Structural Bonding, Surfacing  
Cure Rate: 1 hr  
Curing Temperature (Celsius): 177 °C  
Curing Temperature (Fahrenheit): 350 °F  
Factory ISO Certification: No ISO Certification information available  
Maximum Cure Conditions (Celsius): 200 °C  
Maximum Cure Conditions (Fahrenheit): 400 °F  
Maximum Operating Temperature (Celsius): 175 °C  
Maximum Operating Temperature (Fahrenheit): 350 °F  
Minimum Cure Conditions (Celsius): 135 °C  
Minimum Cure Conditions (Fahrenheit): 275 °F  
Minimum Operating Temperature (Celsius): -55 °C  
Minimum Operating Temperature (Fahrenheit): -67 °F  
Nominal Adhesive Thickness (Imperial): 2.5 mil, 6 mil, 8 mil, 10 mil, 13 mil, 16 mil  
Nominal Adhesive Thickness (Metric): 0.064 mm, 0.152 mm, 0.203 mm, 0.254 mm, 0.33 mm, 0.406 mm  
Nominal Weight (Imperial): 0.015 lb/ft<sup>2</sup>, 0.03 lb/ft<sup>2</sup>, 0.035 lb/ft<sup>2</sup>, 0.055 lb/ft<sup>2</sup>, 0.06 lb/ft<sup>2</sup>, 0.08 lb/ft<sup>2</sup>, 0.1 lb/ft<sup>2</sup>  
Product Color: Tan  
Product Form: Roll  
Storage Environment: Freezer Storage  
Substrate: Composite, Metal  
eClass 14 Classification Group: 23330301

## Dimensions and Classifications

Overall Length (Imperial): 18 yd, 25 yd, 36 yd, 40 yd, 50 yd  
Overall Length (Metric): 16 m, 22.9 m, 33 m, 36.576 m, 45.7 m  
Overall Width (Imperial): 14 in, 18 in, 36 in, 42 in, 48 in  
Overall Width (Metric): 0.9 m, 1.1 m, 1.2 m, 356 mm, 457 mm

# 3M™ Scotch-Weld™ Structural Core Splice Film AF 3024

## Details

Variable curing temperature from 250°F (121°C) to 350°F (176°C) helps streamline production  
250% expansion rate allows for successful joining of greatly mismatched honeycomb structures  
Qualified to multiple aerospace customer specs  
Versatile performance and application allows for consolidation and standardization of inventory  
Low sag formula helps eliminate rework

## Typical properties

Adhesive Type: Epoxy  
Application: Splicing  
Factory ISO Certification: No ISO Certification information available  
Maximum Cure Conditions (Celsius): 177 °C  
Maximum Cure Conditions (Fahrenheit): 350 °F  
Maximum Operating Temperature (Celsius): 176 °C  
Maximum Operating Temperature (Fahrenheit): 350 °F  
Minimum Cure Conditions (Celsius): 121 °C  
Minimum Cure Conditions (Fahrenheit): 250 °F  
Minimum Operating Temperature (Celsius): -55 °C  
Minimum Operating Temperature (Fahrenheit): -67 °F  
Nominal Adhesive Thickness (Imperial): 25 mil, 50 mil  
Nominal Adhesive Thickness (Metric): 0.635 mm, 1.27 mm  
Product Color: Off White  
Product Form: Roll, Sheet  
Storage Environment: Freezer Storage  
eClass 14 Classification Group: 23330301

## Dimensions and Classifications

Overall Length (Imperial): 24 in, 325 in  
Overall Length (Metric): 8.3 m, 610 mm  
Overall Width (Imperial): 1 in, 3.25 in, 10 in  
Overall Width (Metric): 25.4 mm, 83 mm, 254 mm

# **3M™ Scotch-Weld™ Composite Surfacing Film AF 325LS, Blue,, .064 wt, 35 in x 50 yd, 1 Roll/Case**

Part Number AF 325LS 3M Product Number AF 325LS 3M ID 7000046369

## **Details**

Excellent for surfacing composite parts  
Available in both white and blue to provide color contrast to underlying composite prepreg  
Co-cure compatible with most epoxy composite prepreg systems  
Provides a smooth surface with minimal pinholes and other surface imperfections  
Reduces the need for subsequent surface filling, fairing and sanding operations  
Low density formulation aids in pre-paint surface preparation  
Operational performance range from -67°F (-55°C) to 300°F (149°C)  
Available with copper mesh for lightning strike protection

## **Typical properties**

Adhesive Type: Epoxy  
Application: Surfacing  
Brands: Scotch-Weld™  
Cure Rate: 1 hr  
Factory ISO Certification: No ISO Certification information available  
Maximum Cure Conditions (Celsius): 177 °C  
Maximum Cure Conditions (Fahrenheit): 350 °F  
Maximum Operating Temperature (Celsius): 149 °C  
Maximum Operating Temperature (Fahrenheit): 300 °F  
Minimum Cure Conditions (Celsius): 121 °C  
Minimum Cure Conditions (Fahrenheit): 250 °F  
Minimum Operating Temperature (Celsius): -55 °C  
Minimum Operating Temperature (Fahrenheit): -67 °F  
Nominal Weight (Imperial): 0.064 lb/ft<sup>2</sup>  
Product Color: Blue  
Product Form: Roll  
Storage Environment: Freezer Storage  
eClass 14 Classification Group: 23330301

## **Dimensions and Classifications**

Overall Length (Imperial): 50 yd  
Overall Length (Metric): 45.7 m  
Overall Width (Imperial): 35 in  
Overall Width (Metric): 1 m

## **3M™ Scotch-Weld™ Low Odor Acrylic Adhesive DP8705NS**

### **Details**

**MULTI-PURPOSE:** Ideal for plastics, composites, painted surfaces, aluminum, stainless steel, and active metals

**A VARIETY OF USES:** For applications in specialty vehicles, transportation, appliance repair, HVAC, and many more

**HIGH-PERFORMANCE:** Maintains structural strength in a temperature as low as -40 °C (-40 °F)

**HIGHLY FLEXIBLE BONDING:** Provides a strong yet flexible bond when joining two dissimilar substrates

**OPPORTUNITY TO ADJUST:** Allows approximately 4-6 minutes to reposition the project

**FAST-HANDLING:** Offers handling strength in 6-8 minutes

**CURING TIME:** Fully cured in 24 hours at a temperature of 73 °F (23 °C)

**KEY SPECIFICATIONS:** Nonflammable classification and low-odor formulation

**PRODUCT OPTIONS:** Available in bulk form or a Duo-Pak (DP)

### **Typical properties**

Brands: Scotch-Weld™

Container Size (Imperial): 1.52 fl oz

Container Size (Metric): 45 mL

Features: Low Odor

Set Time: 5 min

Smallest Saleable Unit: Each

Volume (Imperial): 1.522 fl oz, 5 gal, 16.569 fl oz, 55 gal

Volume (Metric): 18.927 L, 45 mL, 208.198 L, 490 mL

eClass 14 Classification Group: 23330109

## **3M™ Hot Melt Adhesive 3792LM**

### **Details**

General purpose 100% solids adhesive  
50 second open time allows for adjustment and positioning  
Ideal for POP displays, carton sealing, furniture, upholstery, and woodworking  
Recommended application temperature range: 250-270°F (121-132°C)

### **Typical properties**

Adhesive Type: Ethylene Vinyl Acetate  
Application: Mounting & Trim Attachment  
Application Method: Applicator, Handheld Process, It is dispensed with bulk application equipment, Spray  
Assembly Type: Mounting & Trim Attachment  
Brands: 3M™  
Case Quantity: 11.0 Bags per Case  
Container Size (Imperial): 11 lb., 22 lb., 950 lb.  
Container Size (Metric): 5 kg, 10 kg, 430.9 kg  
Form: Flowable Liquid  
Heat Resistance: 140 Degree Fahrenheit  
Heat Resistance (Celsius): 60 °C  
Industries: Furniture, General Industrial, Packaging, Woodworking  
Maximum Operating Temperature (Fahrenheit): 140 °F  
Product Color: Transparent  
Product Form: Pellet, Stick  
Shear Strength: 280 psi, 350 psi  
Smallest Saleable Unit: Case  
Solids Weight Percent (Approximate): 100 %  
Surface Type: Plastic, Wood  
Temperature Setting for EC Heat Gun: AED081  
Units per Case: 1.0  
eClass 14 Classification Group: 23330104

### **Dimensions and Classifications**

Overall Length (Imperial): 2 in, 3 in, 8 in, 12 in  
Overall Length (Metric): 0.05 m, 0.07 m, 0.2 m, 0.3 m  
Overall Width (Imperial): 0.45 in, 0.62 in, 1 in  
Overall Width (Metric): 11.4 mm, 15.9 mm, 25.4 mm

# 3M™ Scotch-Weld™ Epoxy Potting Compound DP270 Black

## Details

Features a 70 minute work life  
Rigid potting compound is non-corrosive to copper  
Minimal exotherm and very low shrinkage  
Flammability testing per UL94 HB  
This product is an opaque black

## Typical properties

Adhesive Type: Epoxy  
Application: Potting  
Application Temperature From (Celsius): -55 °C  
Application Temperature To (Celsius): 80 °C  
Brands: Scotch-Weld™  
Container Size (Imperial): 1 gal, 1.64 fl oz, 5 gal, 6.76 fl oz, 13.52 fl oz  
Container Size (Metric): 3.78 L, 18.93 L, 48.5 mL, 200 mL, 400 mL  
Design Challenges: Noise Vibration & Harshness Control NVH  
Full Cure Time: 48 hr  
Hardness: 83 Shore D  
Industries: Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Open Time: 60 min @ 72 °F (22 °C)  
Performance Level: Good  
Physical Form: Paste  
Product Form: Each, Kit  
Set Time: 3 hr  
Shear Strength: 2500 psi  
Smallest Saleable Unit: Canister, Each  
Specific Gravity: 1,1.08,1.15  
Specifications Met: UL 94 HB  
Storage Temperature (Celsius): 22°C  
Storage Temperature (Fahrenheit): 72 Degree Fahrenheit  
Surface Type: Unpainted, Very Rough  
Units per Case: 1.0,12.0,2.0,6.0  
Volume (Imperial): 1 gal, 1.71 fl oz, 5 gal, 7.03 fl oz, 13.52 fl oz  
Volume (Metric): 3.8 L, 18.9 L, 48.5 mL, 200 mL, 400 mL  
Work Life: 60 min  
eClass 14 Classification Group: 23330109

# 3M™ Nitrile High Performance Rubber and Gasket Adhesive 847H

## Details

High performance adhesive intended to bond gaskets  
Adheres to nitrile rubber (BUNA), neoprene, SBR, butyl, leather, vinyl and various rubbers  
Excellent fuel, oil and water resistance  
Offers resistance to heat and moisture, performing in temperatures up to 300°F/148°C  
Optional heat cure increases bond strength  
This product has a higher viscosity than 847

## Typical properties

Acid Free: No  
Adhesion: Permanent Mounting  
Adhesive Type: Nitrile Rubber  
Application: Bond Rubber Gaskets to Metal, Bonding a Rubber Door Weather Seal Gasket to Metal, Gasket Assembly, Gasket Attachment  
Application Method: Brush, Flow  
Application Temperature From (Celsius): 15.5 °C  
Application Temperature To (Celsius): 26.5 °C  
Assembly Type: Gasket Attachment, Large Surface Lamination  
Brands: 3M™  
Container Size (Imperial): 5 Gallon, 55 Gallon  
Container Size (Metric): 18.93 Liter, 208.2 Liter  
Container Volume: 5.0 Gal. (US), 52.0 Gal. (US)  
Cure Temperature: Room Temperature  
Cure Time: 24 hr  
Cure or Dry Time: 24 Hour  
Dispenser: No  
Features: Permanent Adhesive  
Flame Retardant: No  
Form: Thick Liquid  
Hazardous Material Warning: Please note the warnings on the packaging  
Industries: General Industrial  
Open Time: Up to 10 min  
Physical Form: Thick syrup  
Product Color: Brown  
Product Form: Bulk  
Product Type: Adhesive  
Shelf Life: 24 Month  
Solvent: Acetone  
Surface Type: Nitrile Rubber, Rubber, SBR, Synthetic Rubber  
Units per Case: 1.0  
Volume (Imperial): 5 gal, 55 gal  
Volume (Metric): 18.927 L, 208.198 L  
eClass 14 Classification Group: 23330115

# 3M™ Polystyrene Insulation Adhesive 78, Clear, 5 Gallon (Pail), 1 Can/Drum

3M Product Number 78 3M ID 7100019833 UPC 00048011534381

## Details

Designed specifically for bonding expanding polystyrene foams (EPS)  
Forms a bond stronger than the polystyrene foam  
Will not dissolve or degrade polystyrene  
Sprays with a lace pattern optimized for foam bonding  
Provides professional, industrial strength adhesive for demanding applications  
Allows for a bond time of one to 15 minutes  
This is the regular version of 3M™ Polystyrene Insulation Adhesive 78 in a bulk format

## Typical properties

Application: Bond Polystyrene Foam Panels, Foam Board Insulation, Foam Bonding  
Brands: 3M™  
Container Size (Imperial): 5 Gallon  
Container Size (Metric): 18.93 Liter  
Form: Liquid  
Heat Resistance: <190 Degree Fahrenheit  
Heat Resistance (Celsius): <88 °C  
Industries: Construction, General Industrial  
Open Time: 1 - 15 min  
Product Color: Transparent  
Product Form: Bulk  
Solids Weight Percent (Approximate): 35 %  
Spray Pattern: Lace  
Units per Case: 1.0  
eClass 14 Classification Group: 23330115



## **3M™ Structural Adhesive SA9822**

3M Product Number SA9822 3M ID B10261904

### **Details**

Developed for bonding automotive structures and substructures  
Excellent for galvanized and phosphate steel or aluminum bonding  
Induction pre-cure eliminates the need for pre-cure ovens commonly used for aluminum parts  
2K adhesives provide stable pre-cure options to avoid distortion  
Store bonded substructures for several months before final cure for more flexible process window  
Controlled reactivity balances 30-minute open time and proper post-induction lock-up  
Two-part epoxy adhesive allows for structures as tough as those made from one-part adhesives  
Controlled reactivity balances 30 minute open time and proper post-induction panel lock-up

### **Typical properties**

Application: Body-in-White, Bonding, Fatigue Resistance, Gap Filling, Impact Resistance  
Product Usage: Hem Flanges  
eClass 14 Classification Group: 23330109

# Scotch® Super Glue Gel AD119, 4-Pack of single-use tubes, .017 oz each

3M ID 70005055648 UPC 00051141230993

## Details

Four single-use tubes - each perfect for a single application  
Fast-drying, no run gel formula  
Bonds to wood, metal, leather, ceramic, rubber, some plastics, and more  
Fine tip

## Typical properties

Acid Free: Yes  
Brands: Scotch®  
Container Size (Imperial): 0.017 Ounce  
Container Size (Metric): 0.503 ml  
Factory ISO Certification: No ISO Certification information available  
Net Weight (Metric): 0.5 g  
Product Type: Quick Fix  
Sizes Available: 0.017 oz  
eClass 14 Classification Group: 23330105

# Scotch® Super 77™ Multi-Purpose Spray Adhesive

3M ID CBGNHW011165 UPC 00021200212109

## Details

Strong, durable bond  
Bonds quickly, and works on a broad range of surfaces  
Bonds to fabric, cardboard, plastic, metal, wood, felt, and more

## Typical properties

Acid Free: Yes  
Brands: Scotch®  
Factory ISO Certification: No ISO Certification information available  
Net Weight (Imperial): 4.3 oz, 10.7 oz, 13.57 oz  
Product Color: Transparent  
Product Type: Quick Fix  
Sizes Available: 13.57 oz cans, 4.37 oz, 10.75 oz  
eClass 14 Classification Group: 23330115

# **3M™ Hi-Strength Spray Adhesive 94ET, Low VOC <20%, Clear, 24 fl oz (Net Wt 19.8 oz), 12 Can/Case**

Part Number 94ET 3M Product Number 94ET 3M ID 7000121417

## **Details**

CARB\* and SCAQMD compliant, GREENGUARD® certified, helps contribute to LEED® credits

Longer open time and more aggressive tack than comparable adhesives

Ideal for woodworking and large surface laminations

Bonding range of up to 60 minutes allows time for adjustments

Effectively bonds metals, wood, rubber, carpet and flooring

Available in Aerosol format

## **Typical properties**

Application: Large Surface Lamination Assembly

Application Method: Spray

Assembly Type: Large Surface Lamination

Brands: 3M™

Case Quantity: 12.0 Cans per Case

Container Size (Imperial): 24 fl oz (US)

Container Size (Metric): 710 ml

Environmental Considerations: California Air Resources Board

Flame Retardant: Flammable

Form: Aerosol

Industries: Furniture, MRO, Specialty Vehicle, Transportation, Woodworking

Open Time: 1 - 60 min

Product Color: Transparent

Product Form: Aerosol

Solids Weight Percent (Approximate): 28 %

Spray Pattern: Variable Lace

Units per Case: 12.0

eClass 14 Classification Group: 23330115

# **3M™ Scotch-Weld™ Structural Adhesive EW3010**

3M ID B5005036066

## **Details**

- Low halogen version of EW2020
- Excellent peel strength
- High heat resistance
- Requires heat to cure
- Does not require mixing
- Aluminum filler type
- 120 degree C of glass transition temperature

## **Typical properties**

eClass 14 Classification Group: 23330109

# 3M™ Fastbond™ Contact Adhesive 30NF

## Details

FOR INDUSTRIAL USE ONLY: This product is designed exclusively for industrial applications

ADHERES A VARIETY OF SUBSTRATES: Bonds most foamed plastics, plastic laminate, wood, plywood, and canvas

TOUGH, RESILIENT BONDS: Creates a high-strength, high-temperature-resistant bond

LONG BONDING RANGE: Delivers up to a four-hour bonding range

A VARIETY OF APPLICATION METHODS: Can be applied by either spray, brush, or roller

NON-FLAMMABLE: Non-flammable in its wet state

## Typical properties

Application: Adhering Floor Coverings, Bond Countertop Laminate to Particle Board, Bond Honeycomb Core to Metal

Application Method: Brush, Roll, Spray

Assembly Type: Large Surface Lamination

Brands: Fastbond™

Case Quantity: 4.0 Bags per Case, 12.0 Bags per Case

Container Size (Imperial): 1 Gallon, 1 Quart, 5 Gallon, 55 Gallon, 270 Gallon

Container Size (Metric): 1 Liter, 4 Liter, 18.9 Liter, 208.2 Liter, 1022 Liter

Environmental Considerations: California Air Resources Board, GREENGUARD® Certified, Helps contribute to LEED® credits, Low VOC, Ozone Transport Commission, SCAQMD

Flame Retardant: Non-flammable

Heat Resistance: <230 Degree Fahrenheit

Heat Resistance (Celsius): <110 °C

Industries: Construction, Furniture, General Industrial, MRO, Military & Government, Specialty Vehicle, Transportation, Woodworking

Open Time: 30 min - 4 hr

Physical Form: Thin liquid

Product Color: Green, Neutral

Product Form: Bulk

Smallest Saleable Unit: Canister

Solids Weight Percent (Approximate): 42.4 % - 50 %, 47 % - 51 %

Specific Gravity: 1.1

Surface Type: Wood

Units per Case: 1.0, 12.0, 4.0

Viscosity Range (cps) at Room Temperature: 200-750

eClass 14 Classification Group: 23330102

## **3M™ Hot Melt Adhesive 3789**

### **Details**

Features impact resistance for durability and strength  
Ideal for difficult to bond to surfaces, including those with fuel, oil and plasticizer exposure  
Ideal for difficult to bond to surfaces, including those with fuel, oil and plasticizer exposure  
Provides good heat resistance  
A go-to for high performance metal bonding  
Long 50 seconds open time allows for positioning of large surface assemblies

### **Typical properties**

Adhesive Type: Polyamide  
Application: Bonding Composite Materials, Mounting & Trim Attachment, Small Joint Assembly  
Application Method: Bulk Process, Handheld Process, Spray  
Assembly Type: Mounting & Trim Attachment, Small Joint Assembly  
Brands: 3M™  
Case Quantity: 11.0 Bags per Case  
Container Size (Imperial): 11 lb., 22 lb.  
Container Size (Metric): 5 kg, 10 kg  
Form: Flowable Liquid  
Heat Resistance: 220 Degree Fahrenheit  
Heat Resistance (Celsius): 104 °C  
Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, Military & Government, Packaging, Retail, Signage, Specialty Vehicle, Transportation, Woodworking  
Maximum Operating Temperature (Fahrenheit): 220 °F  
Open Time: 50 Seconds  
Product Color: Brown  
Product Form: Pound  
Shear Strength: 570 psi  
Smallest Saleable Unit: Case  
Solids Weight Percent (Approximate): 100 %  
Surface Type: Metal, Plastic  
Temperature Setting for EC Heat Gun: 5  
eClass 14 Classification Group: 23330104

### **Dimensions and Classifications**

Overall Length (Imperial): 3 in, 8 in  
Overall Length (Metric): 0.07 m, 0.2 m  
Overall Width (Imperial): 0.62 in, 1 in  
Overall Width (Metric): 15.9 mm, 25.4 mm

## **3M™ Fast Cure Auto Glass Urethane, 08690, 10.5 fl oz Cartridge, 12 per case**

3M ID 7000144585 UPC 00051135086902

### **Details**

Fast-curing adhesive offers rapid strength build-up  
High bond strength is capable of meeting many application strength requirements  
Features high viscosity for accurate placement and simple application  
Adhesive formulated for windshield bonding and stationary glass attachment

### **Typical properties**

Adhesive Type: Polyurethane  
Application: Bonding, Windshield Installation  
Brands: 3M™  
Case Quantity: 12.0 Cartridges per Case  
Consistency: Paste  
Container Type: Cartridge  
Cure Time: 24 hr  
Full Cure Time: 24 hr  
Paint Time: 24 Hour  
Product Color: Black  
Shelf Life in Months (From Date of Manufacture): 12  
Surface Type: Painted Surface  
Tack-free Time: 20 min  
Volume (Imperial): 10.5 fl oz  
Volume (Metric): 310 mL  
Work Time: 10 min - 20 min  
eClass 14 Classification Group: 23330000



## **3M™ Primer**

### **Details**

Designed specifically to promote urethane adhesion, ideal for auto windshield replacement  
Can be used to inhibit corrosion on pinchwelds  
Easy to use; fast-drying and requires no activator  
Excellent UV resistance helps preserve urethanes for long-lasting windshield installations  
Suitable for a range of applications including encapsulated glass and PAAS

### **Typical properties**

Application: Activator, Adhesion Promotion, Adhesion improvement  
Case Quantity: 6.0 Bottles per Case  
Consistency: Liquid  
Cure or Dry Time: 10 Minute  
Dry Time: 10 min  
Product Color: Black  
Product Form: Bottle  
Product Type: Primer  
Shelf Life in Months (From Date of Manufacture): 9  
Surface Type: Glass  
Volume (Imperial): 1.01 fl oz, 4.23 fl oz  
Volume (Metric): 30 mL, 125 mL  
eClass 14 Classification Group: 23330504

# 3M™ Super Fast Repair Adhesive

## Details

**FAST CURE TIME:** Ideal for high-speed results, this sealant fully cures in just 1 hour

**THICK REPAIR ADHESIVE:** Allows accurate application free of runniness or sagging

**WIDE-GAP FILLER:** Adhesive offers excellent wide-gap filling capabilities

**SPECIAL FORMULA:** Formulated to withstand a wide range of temperatures

**SUPERIOR VERSATILITY:** This fast-acting universal plastic bonder can be used for many automotive applications

**NOZZLES INCLUDED:** Includes two static mixing nozzles

## Typical properties

Adhesive Type: Two-Part Urethane, Urethane

Application: Bonding, Plastic Repair

Case Quantity: 6.0 Cartridges per Case, 6.0 Kits per Case

Consistency: Paste

Container Size (Imperial): 1.69 fl oz (US), 6.76 fl oz (US)

Container Size (Metric): 47.3 ml, 200 ml

Container Type: Cartridge

Full Cure Time: 1 hr

Handling Time: 20 Seconds, 5 min

Material: Urethane-based

Paint Time: 5 Minute

Product Color: Amber, Black, Transparent

Product Form: Paste

Sand Time: 5 Minute

Volume (Imperial): 1.6 fl oz, 6.75 fl oz

Volume (Metric): 47.3 mL, 200 mL

Work Time: 20 Seconds

eClass 14 Classification Group: 22170790

## **Bondo® Cream Hardener**

3M ID B40067606 UPC 00076308009137

### **Details**

MUST BE USED WITH Bondo® Fillers including Original, Fast-Dry, Short Strand Fiberglass Reinforced, Long Strand Fiberglass Reinforced, or Wood, and cannot be used by itself

MIXES EASILY to produce a consistent chemical reaction for fast curing

PACKAGED IN EASY-TO-USE squeeze tube

TUBE AVAILABLE in multiple sizes

WHEN FILLER AND HARDENER ARE MIXED, a chemical reaction occurs to create a mixture that will deliver a strong, long-lasting repair

BONDO® BLUE CREAM HARDENER is easy-to-use by simply mixing with Bondo® Fillers, not to be used with Bondo® Liquid Resin for Fiberglass or Bondo® Extreme Filler

FILL STAGE of 3M™ Body Repair System

### **Typical properties**

Brands: Bondo®

Case Quantity: 6.0 Tubes per Case

Container Size (Imperial): 0.75 Ounce, 2.75 Ounce

Container Size (Metric): 21.262 g, 77.961 g

Container Type: Tube

Factory ISO Certification: No ISO Certification information available

Form: Cream

Product Category: Hardeners & Activators

Product Color: Blue

Volume (Imperial): 2.75 fl oz

eClass 14 Classification Group: 22170700

# **Dynatron™ Dynalite™ Body Filler**

3M ID B40067481

## **Details**

Lightweight, smooth material for easy spreading  
2-part polyester compound mixes easily with cream hardener  
Excellent adhesion and good featheredge  
Affords finish sand time of as little as 20 minutes for greater productivity and throughput  
Compatible with nearly any paint system

## **Typical properties**

Application: Dent Fill, Small Dent Repair, Surface Preparation for Painting  
eClass 14 Classification Group: 22170700

# 3M™ Scotch-Weld™ Concrete Repair DP600

## Details

Low viscosity and self-levels for horizontal installations  
Dispenses with a regular caulk gun or Duo-Pak cartridge system  
Cures to any depth without cracking  
Allows for sanding refinement and smooth finishes  
Bonds dissimilar substrates including concrete, masonry, ceramic, wood and metal  
Ideal for minor repairs on building construction, walkways, stairways, pools, decks and patios

## Typical properties

Adhesive Type: Urethane  
Brands: Scotch-Weld™  
Container Size (Imperial): 1.64 fl oz, 5 gal  
Container Size (Metric): 18.93 L, 48.5 mL  
Hardness: 70 Shore D  
Industries: Construction, MRO, Metalworking, Signage, Specialty Vehicle, Woodworking  
Open Time: 60 seconds @ 72 F (22 C)  
Physical Form: Flowable Liquid  
Product Form: Cartridge  
Set Time: 4 min  
Shear Strength: 2300 psi  
Smallest Saleable Unit: Each  
Specific Gravity: 1.1  
Storage Temperature (Celsius): 16°C - 27°C  
Storage Temperature (Fahrenheit): 60 °F - 80 °F  
Surface Type: Painted  
Units per Case: 1.0,12.0  
Volume (Imperial): 1.71 fl oz, 5 gal  
Volume (Metric): 19 L, 48.5 mL  
Work Life: 1 min  
eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Epoxy Adhesive DP190

## Details

**VERSATILE APPLICATIONS:** Adheres to a variety of similar and dissimilar substrates, including metals, ceramics, wood, fiberboard, glass, and most plastics

**KEY INDUSTRIES:** Ideal for applications in construction and building, aircraft and automobile manufacturing, appliance repair, and many more

**STRONG AND DURABLE BOND:** Helps maintain the impact of demanding conditions, such as environmental aging

**RESISTANT TO VIBRATION AND FLEXING:** Offers strong bonding to absorb the impact of shock, vibration, and flexing

**TIME TO REPOSITION AND ADJUST:** Allows up to 80 minutes of working time

**HANDLING TIME:** Achieves handling strength in approximately 6 hours

**CURING TIME:** Fully cured in 14 days at a temperature of 73 °F (23 °C)

## Typical properties

Adhesive Type: Epoxy

Application: Bonding, Encapsulating, Potting, Sealing

Brands: Scotch-Weld™

Container Size (Imperial): 1.64 fl oz, 6.76 fl oz

Container Size (Metric): 48.5 mL, 200 mL

Full Cure Time: 14 days

Hardness: 35 Shore D

Industries: Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking

Open Time: 80 min @ 72 °F (22 °C)

Performance Level: Best

Physical Form: Liquid

Product Form: Cartridge

Set Time: 6 hr

Shear Strength: 1200 psi

Specific Gravity: 1.08

Specifications Met: UL 94 HB

Storage Temperature (Celsius): 16°C - 27°C

Storage Temperature (Fahrenheit): 60 °F - 80 °F

Surface Type: Smooth, Unpainted

Units per Case: 12.0

Viscosity Range (cps) at Room Temperature: 10000

Volume (Imperial): 1.71 fl oz, 5 gal, 6.76 fl oz

Volume (Metric): 48.5 mL, 200 mL, 18927.1 mL

Work Life: 60 - 80 min

eClass 14 Classification Group: 23330109

# 3M™ Neoprene Contact Adhesive 10

## Details

High performance sprayable laminating contact adhesive  
Adheres sheet metals, such as stainless steel, aluminum, cold rolled steel and many plastics to other various substrates  
High performance laminating adhesive  
Excellent moisture and heat resistance and will perform up to up to 300°F/148°C

## Typical properties

Application: Bond Polystyrene Foam Panels  
Application Method: Brush, Roll  
Brands: 3M™  
Container Size (Imperial): 1 Quart, 1 Gallon, 5 Gallon, 55 Gallon  
Container Size (Metric): 1 Liter, 3.8 Liter, 20 Liter, 208.2 Liter  
Flame Retardant: Flammable  
Form: Liquid  
Heat Resistance: <230 Degree Fahrenheit  
Heat Resistance (Celsius): <110 °C  
Industries: General Industrial, Metalworking, Woodworking  
Open Time: 30 min  
Product Color: Light Yellow  
Product Form: Bulk  
Smallest Saleable Unit: Each  
Solids Weight Percent (Approximate): 22 %  
Surface Type: Fabric, Plastic, Rubber, Wood  
Units per Case: 1.0,12.0,4.0  
eClass 14 Classification Group: 23330115

# 3M™ Scotch-Weld™ PUR Easy Adhesive EZ250150

## Details

150 seconds set time  
Creates high-strength bonds that are plasticizer resistant  
Bonds to a variety of materials, including wood, plastics, glass and metal  
100% solids formula with no VOCs  
4 minute open time for joining parts together  
Can be sprayed or roll coated onto surfaces  
One component adhesive for easy application with no mixing or guesswork  
Designed for use with the 3M™ Scotch-Weld™ PUR Applicator and unique disposable nozzles

## Typical properties

Adhesive Type: Polyurethane Reactive (PUR), Urethane  
Application: Large Surface Lamination Assembly, Mounting & Trim Attachment, Small Joint Assembly  
Application Method: Extruded from hand held or bench mounted applicators, It is dispensed with bulk application equipment  
Assembly Type: Mounting & Trim Attachment, Small Joint Assembly  
Brands: Scotch-Weld™  
Container Size (Imperial): 0.1 Gallon, 4.4 lb., 5 Gal. (US)  
Container Size (Metric): 2 kg, 18.9 Liter, 310 ml  
Design Challenges: Impact & Shock Absorption  
Full Cure Time: 24 hr  
Hardness: 45 Shore D  
Indoor/Outdoor: Both  
Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, Metalworking, Military & Government, Packaging, Retail, Signage, Specialty Vehicle, Transportation, Woodworking  
Maximum Operating Temperature (Fahrenheit): 180 °F  
Open Time: 4 min  
Physical Form: Liquid  
Product Color: White  
Product Form: Bag, Cartridge, Pound  
Set Time: >61 Second  
Smallest Saleable Unit: Each  
Solids Weight Percent (Approximate): 100 %  
Storage Temperature (Celsius): 16 to 27 °C  
Storage Temperature (Fahrenheit): 60 to 80 Degree Fahrenheit  
Units per Case: 36.0,5.0,6.0  
Viscosity: Self-leveling  
Work Time: 4 min  
eClass 14 Classification Group: 23330104



# 3M™ Scotch-Weld™ Structural Plastic Adhesive DP8010

## Details

**KEY SUBSTRATES:** Joins a variety of low surface energy plastics, including many grades of Polypropylene, Polyethylene, and TPOs without special surface preparation

**RECOMMENDED APPLICATIONS:** Creates long-lasting bonds across the electronics, transportation, and construction industries

**EXTREMELY STRONG:** Can replace mechanical fasteners, screws, rivets, and spot welds in many applications

**LESS PREP TIME:** Made to function with little to no surface preparation

**AMPLE OPPORTUNITY FOR REPOSITIONING:** Offers up to 10 minutes for project readjustment

**FULL CURE TIME:** Fully cured in 48 hours at 73 °F (23 °C)

## Typical properties

Adhesive Type: Acrylic

Application: Encapsulating, Potting, Sealing

Brands: Scotch-Weld™

Container Size (Imperial): 1 gal, 1.52 fl oz, 5 gal, 16.57 fl oz

Container Size (Metric): 3.78 L, 18.93 L, 45 mL, 490 mL

Design Challenges: Noise Vibration & Harshness Control NVH

Full Cure Time: 8 hr - 24 hr

Hardness: 55 - 60 Shore D

Industries: Construction, Consumer Goods, Electronics, General Industrial, MRO, Medical, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking

Open Time: 10 min, 10 min @ 72 °F (22 °C)

Performance Level: Best

Physical Form: Flowable Liquid

Product Form: Cartridge, Pail

Set Time: 60 min

Shear Strength: 2700 psi

Smallest Saleable Unit: Each

Specific Gravity: 0.95 - 1.05, 1.06, 1.01

Storage Temperature (Celsius): 4 °C

Storage Temperature (Fahrenheit): ≤40 Degree Fahrenheit

Surface Type: Painted, Powder Coated, Smooth, Unpainted

Units per Case: 1.0, 12.0, 6.0

Volume (Imperial): 1 gal, 1.58 fl oz, 5 gal, 17.24 fl oz

Volume (Metric): 3.8 L, 19 L, 20 L, 45 mL, 490 mL

Work Life: 8 min

eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Toughened Epoxy Adhesive LSB60

## Details

Toughened for high resistance against shock, vibration, impact loads and excellent peel strength  
90 minute work life with handling strength in 10 hours that provides ample time for repositioning  
Medium viscosity, self-leveling formula easy to spread and coat on surfaces  
ASTM E162, ASTM E662, ASTM 1354, Bombardier SMP 800C  
Ideal for bulk application through meter mix dispensing equipment

## Typical properties

Adhesive Type: Epoxy  
Application: Bonding  
Brands: Scotch-Weld™  
Container Size (Imperial): 13.52 fl oz, 55 gal  
Container Size (Metric): 208.2 L, 400 mL  
Hardness: 60 - 65 Shore D  
Industries: Construction, General Industrial, Metalworking, Signage, Specialty Vehicle, Transportation, Woodworking  
Open Time: 90 min @ 72 °F (22 °C)  
Physical Form: Flowable Liquid  
Product Form: Each  
Set Time: 10 hr  
Shear Strength: 4500 psi  
Specifications Met: ASTM E662, Boeing BSS 7239  
Storage Temperature (Celsius): 22°C, 16°C - 27°C  
Storage Temperature (Fahrenheit): 60 °F - 80 °F, 72 Degree Fahrenheit  
Units per Case: 1.0, 6.0  
Volume (Imperial): 13.52 fl oz, 55 gal  
Volume (Metric): 208.2 L, 400 mL  
Work Life: 10 hr  
eClass 14 Classification Group: 23330109

# **3M™ Scotch-Weld™ Composite Surfacing and Lightning Protection Film AF 536**

3M ID B5005164001

## **Details**

Excellent compatibility with most composite materials  
Cure temperature: 120°C (250°F) - 177°C (350°F)  
Provides a smooth surface minimizing pre-paint preparation  
Paint stripper resistance maintains superior surface quality  
Smooth, glossy finish, and translucent for easy examination of underlying composite materials  
Excellent handling traits and repositioning ability  
Available with or without lightning protection conductor

## **Typical properties**

Adhesive Type: Epoxy  
Maximum Cure Conditions (Celsius): 177 °C  
Maximum Cure Conditions (Fahrenheit): 350 °F  
Minimum Cure Conditions (Celsius): 120 °C  
Minimum Cure Conditions (Fahrenheit): 250 °F  
Substrate: Composite  
eClass 14 Classification Group: 23330301

## **3M™ Bare-Metal Seam Sealer**

### **Details**

TWO-PART EPOXY: Sealer forms a tough, flexible seal for bare metal joints

SPECIALLY FORMULATED: No shrinking, cracking, or outgassing

HEAVY-BODY FORMULA: Non-sagging for clean, efficient tooling in vertical and horizontal seams

FAST-SETTING: Cures in as little as 15 minutes for efficient shop time

NEUTRAL BEIGE: Color can reduce painting material and time

### **Typical properties**

Adhesive Type: Epoxy

Application: Sealing

Case Quantity: 4,6

Consistency: Paste

Container Size (Imperial): 6.76 fl oz, 20.29 fl oz

Container Size (Metric): 200 mL, 600 mL

Container Type: Cartridge

Full Cure Time: 1 hr

Paint Time: 15 Minute

Set Time: 10 min

Time to Handling Strength: 1 min - 10 min, 10 min - 30 min

Volume (Imperial): 7 fl oz, 20 fl oz

Volume (Metric): 200 mL, 600 mL

Work Life: 10 min, 8 min

eClass 14 Classification Group: 23330109

## **3M™ General Trim Adhesive, 39187, 19 oz Net Wt, 4 per case**

3M ID 7010328464 UPC 00051131391871

### **Details**

Recommended for bonding carpet fabric and plastic to metal  
Secure bonding to hard, impervious surfaces  
Aerosol adhesive offers easy application  
Dries to a clear color for a low profile appearance  
Offers good heat and water resistance

### **Typical properties**

Adhesive Type: Synthetic Elastomer  
Application: Trim & Molding Attachment, Trim attachment  
Brands: 3M™  
Case Quantity: 4.0 Cans per Case  
Container Size (Imperial): 19 Ounce  
Container Size (Metric): 539 g  
Container Type: Aerosol  
Form: Aerosol  
Product Color: Transparent  
eClass 14 Classification Group: 23330115

## **3M™ OEM Seam Sealer Tip**

### **Details**

Seam sealer tips help match OEM applied seam sealer beads on repairs  
Tips make the work easier for automotive technicians  
Professional standards reduce chances of costly rework  
Tips available in a variety of sizes and styles  
Six tips included with each box

### **Typical properties**

Application: Dispensing, OEM Replication, Sealing, Seam and Joint Sealing  
Case Quantity: 6.0 Bags per Case  
Material: Plastic  
Product Color: Opaque  
Product Type: Tip  
Tip Style: Sealer  
eClass 14 Classification Group: 21045111

# 3M™ Scotch-Weld™ Instant Adhesive CA50, Gel, Clear, 20 Gram, 12 Each/Case

3M Product Number CA50 3M ID 7100002517 UPC 00021200823329

## Details

Surface insensitive for acidic substrate bonding  
High strength and impact resistance  
Reaches handling strength in under 120 seconds  
Gel viscosity adhesive is easily applied from the bottle  
Strong, durable and long lasting bond on a variety of substrates

## Typical properties

Adhesive Type: Instant Adhesive  
Brands: Scotch-Weld™  
Container Size (Imperial): 0.7 Ounce  
Container Size (Metric): 20 g  
For Use On: Rigid Foam (Urethane), Rigid Foam (Beadboard Styrene), Plastic (Polyolefins and Thermoplastic Elastomers), Plastic (High Performance Nylon), Fabric, Felt, Cork & Fibrous Glass, Flexible Foam (Latex, Urethane), Plastic (Flexible Vinyl), Plastic (ABS, PVC, Acrylic), Metal, Paper & Cardboard, Rubber (Except EPDM), EPDM Rubber  
Full Cure Time: 24 Hours @ 72 F (22 C)  
Indoor/Outdoor: Both  
Industries: Construction, Consumer Goods, Electronics, General Industrial, MRO, Medical, Metalworking, Military & Government, Specialty Vehicle, Transportation  
Maximum Operating Temperature (Celsius): 82 °C  
Maximum Operating Temperature (Fahrenheit): 180 °F  
Net Weight (Imperial): 0.71 oz  
Net Weight (Metric): 20 g  
Physical Form: Liquid  
Product Color: Transparent  
Product Form: Tube  
Product Type: Instant Adhesive  
Set Time: 60-120 Seconds  
Shear Strength: 2000 psi  
Specific Gravity: 8.9 Pound Per Gallon (US)  
Storage Temperature (Celsius): 22°C  
Storage Temperature (Fahrenheit): 72 Degree Fahrenheit  
Units per Case: 12.0  
Viscosity: Non-sag  
Viscosity Range (cps) at Room Temperature: 45,000-85,000  
Work Time: 60-120 Seconds  
eClass 14 Classification Group: 23330105

# 3M™ Scotch-Weld™ PUR Easy Adhesive EZ250060

## Details

Fast 60 seconds set time for fast-paced processes and productivity  
Creates high-strength bonds that are plasticizer resistant  
Bonds to a variety of materials, including wood and many plastics  
100% solids formula with no VOCs  
120 seconds open time for joining parts together  
Contains UV dye to easily visualize bond lines and remove excess squeeze out  
Creates bond lines as thin as .001”-.003” on wood

## Typical properties

Adhesive Type: Polyurethane Reactive (PUR), Urethane  
Application Method: Extruded from hand held or bench mounted applicators  
Assembly Type: Mounting & Trim Attachment, Small Joint Assembly  
Brands: Scotch-Weld™  
Container Size (Imperial): 0.1 Gallon, 5 Gal. (US)  
Container Size (Metric): 18.9 Liter, 310 ml  
Design Challenges: Impact & Shock Absorption  
Full Cure Time: 24 hr  
Hardness: 60 Shore D  
Indoor/Outdoor: Both  
Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, Metalworking, Military & Government, Packaging, Retail, Signage, Specialty Vehicle, Transportation, Woodworking  
Open Time: 2 min  
Physical Form: Flowable Liquid  
Product Color: White  
Product Form: Cartridge, Pound  
Set Time: 31 to 60 Second  
Smallest Saleable Unit: Each  
Solids Weight Percent (Approximate): 100 %  
Storage Temperature (Celsius): 16 to 27 °C  
Storage Temperature (Fahrenheit): 60 °F - 80 °F (16 °C - 27 °C), 60 to 80 Degree Fahrenheit  
Units per Case: 1.0, 5.0  
Viscosity: Self-leveling  
Work Time: 2 min  
eClass 14 Classification Group: 23330104



## **3M™ Scotch-Weld™ Flexible Acrylic Adhesive DP8625NS**

### **Details**

**KEY SUBSTRATES:** Adheres to a variety of substrates, including those that are slightly oily

**VERSATILE APPLICATIONS:** Made for applications in transportation, rail, signage, and more

**HIGHLY FLEXIBLE:** Has a structural adhesive offering greater than 200% elongation

**HIGH-PERFORMANCE:** Minimizes bond-line read-through and cure shrinkage to enable the use of thinner panels

**TIME TO ADJUST:** Allows between 20-30 minutes before the product is fixed in place

**FAST-HANDLING:** Offers handling strength in approximately 35-40 minutes

**CURING TIME:** Fully cured in 24 hours at a temperature of 73 °F (23 °C)

**KEY SPECIFICATIONS:** Nonflammable classification and low-odor formulation

**PRODUCT OPTIONS:** Available in bulk form or a Duo-Pak (DP)

### **Typical properties**

Brands: Scotch-Weld™

Container Size (Imperial): 1.52 fl oz, 16.57 fl oz

Container Size (Metric): 45 mL, 490 mL

Set Time: 22 min - 25 min

Smallest Saleable Unit: Each

Volume (Imperial): 1.522 fl oz, 5 gal, 16.569 fl oz, 55 gal

Volume (Metric): 18.927 L, 45 mL, 208.198 L, 490 mL

eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Nylon Bonder Structural Adhesive DP8910NS

## Details

**VERSATILE APPLICATIONS:** Has strong adhesion to aluminum, stainless steel and other metals that are commonly joined to nylon

**A VARIETY OF USES:** Made for applications in automotive, EV battery, and sporting goods and equipment

**MADE FOR CHALLENGING CONDITIONS:** Engineered to handle high-temperature applications

**REDUCES PREP TIME:** Structurally bonds to nylon (polyamides) without plasma or flame treatment surface preparation

**TIME TO ADJUST:** Allows for up to 10 minutes to adjust and reposition the project

**FAST-HANDLING STRENGTH:** Provides handling strength in 15-20 minutes

**CURING TIME:** Fully cured in 24 hours at a temperature of 72 °F (22 °C)

**DIGITAL DISPENSING ASSISTANT:** Help reduce setup time using a free automation tool for time-pressure automated systems

**PRODUCT OPTIONS:** Available in bulk form or a Duo-Pak (DP)

## Typical properties

Brands: Scotch-Weld™

Container Size (Imperial): 1.52 fl oz, 16.57 fl oz

Container Size (Metric): 45 mL, 490 mL

Set Time: 10 min

Volume (Imperial): 1.522 fl oz, 5 gal, 16.569 fl oz, 50 gal

Volume (Metric): 18.927 L, 45 mL, 189.271 L, 490 mL

eClass 14 Classification Group: 23330109

## **3M™ Structural Adhesive SA9844**

3M Product Number SA9844 3M ID B5005289053

### **Details**

A two-part structural adhesive for use in automotive chassis and battery to structure assemblies

Controlled flow rheology optimized for injection joints

Robust bonding and impact resistance for aluminum, carbon fiber composites and more

Excellent mechanical properties (shear and peel modes) and high wedge impact peel performance

Cures at room temperature with no additional heating required

Heat may be applied to accelerate cure times or to provide localized spot curing and fixturing

Compatibility with automatic dispensing equipment helps reduce cycle times

Parts are stable for storage and transport, with a shelf life of up to 12 months

### **Typical properties**

Application: Body-in-White, Bonding, Fatigue Resistance, Gap Filling, Impact Resistance

Product Usage: Battery Boxes, Battery Composite Housings, Chassis, EV Batteries

eClass 14 Classification Group: 23330109

## **3M™ Plastic and Emblem Adhesive, 08061, 5 oz Tube, 6 per case**

3M ID 7000045518 UPC 00051135080610

### **Details**

Bonds fully cured automotive paints and plastic for interior and exterior applications

Strong adhesion resists environmental exposure such as water and heat

Quick-acting adhesive sets in about 15 minutes and fully cures in 24 hours

Adhesive dries clear for bonding transparent or translucent plastics

Strong-adhesive properties create a permanent bond

### **Typical properties**

Adhesive Type: Acrylic

Application: Mounting & Trim Attachment, Trim & Molding Attachment

Brands: 3M™

Case Quantity: 6.0 Cartons per Case

Container Size (Imperial): 5 fl oz (US)

Container Size (Metric): 150 ml

Form: Paste

Product Color: Transparent

Product Type: Adhesive

Surface Type: Plastic

Work Time: 1-5 Minutes

eClass 14 Classification Group: 23330115

## **3M™ Hot Melt Adhesive 3762LM**

### **Details**

Aggressive hot tack rapidly achieves handling strength  
Short open time allows for fast assembly lines  
Securely bonds difficult to seal substrates such as lightly waxed surfaces

### **Typical properties**

Adhesive Type: Ethylene Vinyl Acetate  
Application: Mounting & Trim Attachment  
Application Method: Applicator, Handheld Process, It is dispensed with bulk application equipment, Spray  
Assembly Type: Mounting & Trim Attachment  
Brands: 3M™  
Case Quantity: 11.0 Bags per Case  
Container Size (Imperial): 11 lb., 22 lb., 950 lb.  
Container Size (Metric): 5 kg, 10 kg, 430.9 kg  
Form: Flowable Liquid  
Heat Resistance: 130 Degree Fahrenheit  
Heat Resistance (Celsius): 54 °C  
Industries: Furniture, General Industrial, Packaging, Woodworking  
Maximum Operating Temperature (Fahrenheit): 130 °F  
Product Color: Light Amber  
Product Form: Pellet, Stick  
Shear Strength: 375 psi, 390 psi, 480 psi  
Smallest Saleable Unit: Case  
Solids Weight Percent (Approximate): 100 %  
Surface Type: Wood  
Temperature Setting for EC Heat Gun: AED081  
Units per Case: 1.0  
eClass 14 Classification Group: 23330104

### **Dimensions and Classifications**

Overall Length (Imperial): 2 in, 3 in, 8 in, 12 in  
Overall Length (Metric): 0.05 m, 0.07 m, 0.2 m, 0.3 m  
Overall Width (Imperial): 0.45 in, 0.62 in, 1 in  
Overall Width (Metric): 11.4 mm, 15.9 mm, 25.4 mm

# 3M™ Scotch-Weld™ Epoxy Adhesive DP420 Off-White

## Details

**BONDS A VARIETY OF SUBSTRATES:** For metals, ceramics, wood, glass, many composites and plastics

**MULTIPLE INDUSTRIES:** Ideal for joining, gluing, potting, panel, and structural bonding in sporting goods, metalworking, general industrial, and transportation

**DURABLE BONDING:** Has high shear strength to promote long-lasting bonds

**FOR DEMANDING JOBS:** Offers high impact and fatigue resistance

**AMPLE TIME FOR PROJECT ADJUSTMENT:** Allows up to 20 minutes of open working time

**FULL CURE STRENGTH:** Reaches a full cure in 24 hours at a temperature of 73 °F (23 °C)

**CERTIFICATIONS:** Is UL 94 HB Certified

**PRODUCT OPTIONS:** Available in bulk form or a Duo-Pak (DP) and black or off-white

**DIGITAL DISPENSING ASSISTANT:** Help reduce setup time using a free automation tool for time-pressure automated systems

## Typical properties

Adhesive Type: Epoxy

Application: Bonding, Potting

Brands: Scotch-Weld™

Container Size (Imperial): 1.69 fl oz, 5 gal, 6.76 fl oz, 13.52 fl oz

Container Size (Metric): 18.93 L, 50 mL, 200 mL, 400 mL

Design Challenges: Impact & Shock Absorption, Noise Vibration & Harshness Control NVH

Features: Low Odor

Hardness: 75 - 80 Shore D

Industries: Composite, Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Military & Government, Plastic, Signage, Specialty Vehicle, Transportation, Woodworking

Mix Ratio Volume Base:Accelerator: 2:1

Open Time: 20 min @ 72 °F (22 °C)

Performance Level: Best

Physical Form: Flowable Liquid

Product Form: Cartridge, Each

Set Time: 2 hr

Shear Strength: 4500 psi

Smallest Saleable Unit: Each

Specific Gravity: 1.1,1.14,1.13

Specifications Met: UL 94 HB

Storage Temperature (Celsius): 22°C,16°C - 27°C

Storage Temperature (Fahrenheit): 60 °F - 80 °F,72 Degree Fahrenheit

Surface Type: Smooth

Units per Case: 1.0,12.0,6.0

Volume (Imperial): 1.69 fl oz, 5 gal, 7.03 fl oz, 13.53 fl oz

Volume (Metric): 18.927 L, 50 mL, 200 mL, 400 mL

Work Life: 15 min - 30 min, 4 - 8 min

## 3M™ Fastbond™ Foam Adhesive 100NF, Lavender

### Details

**SPECIAL FORMULATION:** Utilizes a water-dispersed formula that is non-flammable in its liquid state

**FAST GRAB:** Offers quick initial tack in high-peel applications

**APPLY YOUR WAY:** Offers an easily-dispensed pebble pattern when sprayed and the freedom to apply using a brush or roller when not sprayed

**VERSATILE BONDING:** Creates a medium-tack bond that delivers industrial strength when bonding foam to plastic, metal, wood, and more

**RECOGNIZED WORLDWIDE:** This formula is a staple in the 3M adhesive portfolio, demonstrating reliable bonding across a wide range of industries and application needs

**MINIMIZED IMPACT:** CARB compliant, helps contribute to LEED® credits, and certified to the GREENGUARD™ Product Emission Standard For Children and Schools for low emitting interior building material

**LAVENDER:** This product is a lavender color variation of the 3M™ Fastbond™ Foam Adhesive 100NF formula

### Typical properties

Application: Trim & Molding Attachment

Application Method: Brush, Roll, Spray

Application Temperature From (Celsius): 15.5 °C

Application Temperature To (Celsius): 26.5 °C

Assembly Type: Large Surface Lamination

Brands: Fastbond™

Container Size (Imperial): 5 Gallon, 55 Gallon, 100 Gallon, 270 Gallon

Container Size (Metric): 18.9 Liter, 208.2 Liter, 378.5 Liter, 1022 Liter

Environmental Considerations: GREENGUARD® Certified, Low VOC

Flame Retardant: Non-flammable

Full Cure Time: 24 hr

Heat Resistance: <230 Degree Fahrenheit

Heat Resistance (Celsius): <110 °C

Industries: Furniture, General Industrial

Open Time: Up to 20 min

Physical Form: Very thin liquid

Product Color: Lavender

Product Form: Bulk, Drum, Pail

Solvent: Water

Units per Case: 1.0

Volume (Imperial): 5 gal, 55 gal, 100 gal, 270 gal

eClass 14 Classification Group: 23330102

## **3M™ High Strength Small Hole Repair**

3M ID CBGNAWUS1398 UPC 00051141951799

### **Details**

MAKES REPAIRS 3X FASTER than traditional vinyl spackling  
QUICK AND EASY repair for knicks and nail holes  
FOR HOLE REPAIRS up to 3" in diameter  
PRIMER ENHANCED spackling compound for great hiding power  
RESISTS FLASHING  
NO SHRINKING, CRACKING, OR SAGGING  
LIGHTWEIGHT SPACKLE  
PROFESSIONAL-LOOKING results  
FOR INTERIOR USE  
FIRMLY HOLDS nails and screws after repair

### **Typical properties**

Container Size (Imperial): 8 fl oz (US), 16 fl oz (US), 32 fl oz (US)  
Container Size (Metric): 236.588 ml, 473.176 ml, 946.353 ml  
Factory ISO Certification: No ISO Certification information available  
Features: Primer Enhanced  
Form: Putty  
Product Type: Putty  
Product Use: Small Hole Repair  
Recommended Surfaces: Drywall, plaster, stucco, wood  
eClass 14 Classification Group: 22170700



## **3M™ Scotch-Weld™ Structural Adhesives Primer EW-5000**

### **Details**

Water-borne formula provides options for processes  
Ensures complete wetting of the adhesive to the surface  
Provides comparable performance to traditional solvent-based options  
High spray transfer efficiency helps reduce quantity of material needed  
Corrosion inhibitive pigment allows for increased service life  
Protects high-cost surface preparation processes prior to bonding  
Can be dried at ambient temperatures, allowing parts to be handled prior to bake cycle

### **Typical properties**

Application: Corrosion Protection, Metal Bonding  
Composition: Water Based (Chromated)  
Cure Temperature: Elevated Temperature  
Density: 1.042 g/mL  
Factory ISO Certification: No ISO Certification information available  
Product Color: Yellow  
Product Type: Primer  
Surface Type: Metal  
Volume (Imperial): 1 gal, 1 qt, 5 gal  
Volume (Metric): 0.95 L, 3.79 L, 18.93 L  
eClass 14 Classification Group: 23330504

# 3M™ Scotch-Weld™ Epoxy Adhesive EC-3333 B/A

## Details

- 2:1 mix ratio simplifies mixing
- 20 minute work time allows for positioning and adjusting for fit prior to setting
- Available in bulk or duo-pak cartridges
- Flexible to withstand vibration
- Offers hot-wet resistance
- Outstanding environmental performance
- High peel and shear strength for strong bonds in critical applications
- Controlled flow

## Typical properties

- Adhesive Type: Epoxy
- Container Size (Imperial): 1 qt, 1.69 fl oz, 6.76 fl oz
- Container Size (Metric): 0.95 L, 50 mL, 200 mL
- Cure Rate: 24 hr, 7 days
- Cure Temperature: Room Temperature
- Density: 1.12 g/cc
- Factory ISO Certification: No ISO Certification information available
- Time to Handling Strength: 2 hr - 3 hr
- Work Life: 20 min
- eClass 14 Classification Group: 23330109

# **3M™ High Strength Small Hole Repair, All-in-One Applicator Tool, SHR-3-AIO**

3M ID 70009112700 UPC 00051141401188

## **Details**

MAKES REPAIRS 3X FASTER than traditional vinyl spackling  
QUICK AND EASY repair for knicks and nail holes  
FOR HOLE REPAIRS up to 3" in diameter  
PRIMER ENHANCED spackling compound for great hiding power  
RESISTS FLASHING  
NO SHRINKING, CRACKING, OR SAGGING  
LIGHTWEIGHT SPACKLE  
PROFESSIONAL-LOOKING results  
FOR INTERIOR USE  
FIRMLY HOLDS nails and screws after repair  
INCLUDES EVERYTHING you need for small wall repairs in one easy tool: putty knife, primer enhanced spackle and sanding pad

## **Typical properties**

Brands: 3M™  
Container Size (Imperial): 3 fl oz (US)  
Factory ISO Certification: No ISO Certification information available  
Features: Primer Enhanced  
Form: Putty  
Product Type: Putty  
Product Use: Small Hole Repair  
eClass 14 Classification Group: 22170700

## **3M™ High Strength Large Hole Repair**

3M ID CBGNARUS2521 UPC 00076308730369

### **Details**

MAKES REPAIRS 5X FASTER than traditional vinyl spackling  
REPAIR HOLES 3" – 5" in diameter  
FOR INTERIOR OR EXTERIOR REPAIRS when sealed with exterior paint  
REPAIR DAMAGED AREAS on walls and ceilings  
IDEAL FOR repairing large holes, cracks and damaged surfaces in drywall,  
plaster, stucco, concrete and wood  
FIBER REINFORCED for strength  
NO SHRINKING, CRACKING OR SAGGING  
EASY TO SAND  
LIGHT IN WEIGHT, HEAVY IN STRENGTH  
HOLDS STRONG for lasting repairs  
For holes requiring additional wall support, use with 3M™ Repair Plates

### **Typical properties**

Container Size (Imperial): 12 fl oz (US), 32 fl oz (US)  
Factory ISO Certification: No ISO Certification information available  
Features: Fiber Reinforced  
Product Type: Putty  
Product Use: Large Hole Repair  
Recommended Surfaces: Drywall  
eClass 14 Classification Group: 22170700

# 3M™ Scotch-Weld™ Structural Adhesive Film AF 163-2

## Details

Designed for 250°F (120°C) cure  
Adhesive can be cured from 180°F (80°C) up to 300°F (150°C)  
Excellent shop handling characteristics  
Excellent pre-bond humidity performance on composite substrates  
Unsupported version available for reticulation  
High-fracture toughness and peel strength

## Typical properties

Adhesive Type: Epoxy  
Application: Bonding, Structural Bonding, Surfacing  
Cure Rate: 90 min  
Curing Temperature (Celsius): 121 °C  
Curing Temperature (Fahrenheit): 250 °F  
Factory ISO Certification: No ISO Certification information available  
Maximum Cure Conditions (Celsius): 121 °C  
Maximum Cure Conditions (Fahrenheit): 250 °F  
Maximum Operating Temperature (Celsius): 121 °C  
Maximum Operating Temperature (Fahrenheit): 250 °F  
Minimum Cure Conditions (Celsius): 107 °C  
Minimum Cure Conditions (Fahrenheit): 225 °F  
Minimum Operating Temperature (Celsius): -55 °C  
Minimum Operating Temperature (Fahrenheit): -67 °F  
Nominal Adhesive Thickness (Imperial): 2.5 mil, 5.5 mil, 7.5 mil, 9.5 mil, 13 mil  
Nominal Adhesive Thickness (Metric): 0.064 mm, 0.14 mm, 0.191 mm, 0.241 mm, 0.33 mm  
Nominal Weight (Imperial): 0.015 lb/ft<sup>2</sup>, 0.03 lb/ft<sup>2</sup>, 0.045 lb/ft<sup>2</sup>, 0.06 lb/ft<sup>2</sup>, 0.085 lb/ft<sup>2</sup>  
Product Color: Blue, Green, Pink, Red, Tan, Yellow  
Product Form: Roll  
Storage Environment: Freezer Storage  
Substrate: Composite, Metal  
eClass 14 Classification Group: 23330301

## Dimensions and Classifications

Overall Length (Imperial): 2 yd, 36 yd, 50 yd, 60 yd, 63 yd  
Overall Length (Metric): 1.8 m, 33 m, 45.7 m, 54.9 m, 57 m  
Overall Width (Imperial): 0.38 in, 0.4375 in, 0.75 in, 1.125 in, 2.25 in, 2.3125 in, 3.5 in, 4.5 in, 5 in, 5.75 in, 6.3125 in, 10.5 in

## 3M™ Hot Melt Adhesive 3792

### Details

FOR INDUSTRIAL USE ONLY: This product is designed exclusively for industrial applications

GENERAL PURPOSE: Made from 100% solids

ADHERE MANY TYPES OF SUBSTRATES: Bonds wood, natural grown fibers (like cotton), corrugated board, fabric, paperboard, and other lightweight materials used in general industrial and the novelties markets

FINE-TUNE YOUR WORK: 50 seconds of working time allows for adjustment and positioning

MADE FOR A WIDE RANGE OF APPLICATIONS: Ideal for POP displays, carton sealing, furniture, upholstery, and woodworking

USE WITH 3M APPLICATORS: Created for use with a compatible 3M Hot Melt Applicator

### Typical properties

Adhesive Type: Ethylene Vinyl Acetate

Application: Mounting & Trim Attachment, Seat Assembly, Small Joint Assembly, Upholstery & Seating Attachment

Application Method: Bulk Process, Handheld Process, Spray

Assembly Type: Mounting & Trim Attachment, Small Joint Assembly

Brands: 3M™

Case Quantity: 11.0 Bags per Case

Container Size (Imperial): 11 lb., 22 lb., 950 lb.

Container Size (Metric): 5 kg, 10 kg, 430.9 kg

Form: Flowable Liquid

Heat Resistance: 140 Degree Fahrenheit

Heat Resistance (Celsius): 60 °C

Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, Military & Government, Packaging, Retail, Signage, Specialty Vehicle, Transportation, Woodworking

Maximum Operating Temperature (Fahrenheit): 140 °F

Open Time: 50 Seconds

Product Color: Transparent

Product Form: Pound

Shear Strength: 350 psi

Smallest Saleable Unit: Case

Solids Weight Percent (Approximate): 100 %

Surface Type: Plastic, Wood

Temperature Setting for EC Heat Gun: 4

Units per Case: 1.0

eClass 14 Classification Group: 23330104

### Dimensions and Classifications

Overall Length (Imperial): 2 in, 3 in, 8 in, 12 in

Overall Length (Metric): 0.05 m, 0.07 m, 0.2 m, 0.3 m

Overall Width (Imperial): 0.45 in, 0.62 in, 1 in

# 3M™ Scotch-Weld™ Structural Core Splice Film AF 3002

## Details

Variable curing temperature from 250°F (121°C) to 350°F (176°C) helps streamline production  
35-55% expansion rate allows for successful joining of mismatched areas and reinforcing honeycomb core  
Qualified to meet multiple aerospace customer specs  
Versatile performance and application allows for consolidation and standardization of inventory  
Low sag formula allows helps eliminate rework

## Typical properties

Adhesive Type: Epoxy  
Application: Splicing  
Factory ISO Certification: No ISO Certification information available  
Maximum Cure Conditions (Celsius): 177 °C  
Maximum Cure Conditions (Fahrenheit): 350 °F  
Maximum Operating Temperature (Celsius): 177 °C  
Maximum Operating Temperature (Fahrenheit): 350 °F  
Minimum Cure Conditions (Celsius): 121 °C  
Minimum Cure Conditions (Fahrenheit): 250 °F  
Minimum Operating Temperature (Celsius): -55 °C  
Minimum Operating Temperature (Fahrenheit): -67 °F  
Nominal Adhesive Thickness (Imperial): 50 mil  
Nominal Adhesive Thickness (Metric): 1.27 mm  
Product Color: Off White  
Product Form: Roll, Sheet  
Storage Environment: Freezer Storage  
eClass 14 Classification Group: 23330301

## Dimensions and Classifications

Overall Length (Imperial): 18 yd, 24 in, 36 yd  
Overall Length (Metric): 16 m, 33 m, 610 mm  
Overall Width (Imperial): 1 in, 10 in, 20 in  
Overall Width (Metric): 25.4 mm, 254 mm, 508 mm

# **3M™ Scotch-Weld™ Composite Surfacing Film AF 325M, White, .030wt, 36 in x 50 yd, 1 Roll/Case**

Part Number AF 325M 3M Product Number AF 325M 3M ID 7010399423

## **Details**

Excellent for surfacing composite parts  
Available in both white and blue to provide color contrast to underlying composite prepreg  
Co-cure compatible with most epoxy composite prepreg systems  
Provides a smooth surface with minimal pinholes and other surface imperfections  
Reduces the need for subsequent surface filling, fairing and sanding operations  
Low density formulation aids in pre-paint surface preparation  
Operational performance range from -67°F (-55°C) to 300°F (149°C)

## **Typical properties**

Adhesive Type: Epoxy  
Application: Surfacing  
Brands: Scotch-Weld™  
Cure Rate: 1 hr  
Factory ISO Certification: No ISO Certification information available  
Maximum Cure Conditions (Celsius): 177 °C  
Maximum Cure Conditions (Fahrenheit): 350 °F  
Maximum Operating Temperature (Celsius): 149 °C  
Maximum Operating Temperature (Fahrenheit): 300 °F  
Minimum Cure Conditions (Celsius): 121 °C  
Minimum Cure Conditions (Fahrenheit): 250 °F  
Minimum Operating Temperature (Celsius): -55 °C  
Minimum Operating Temperature (Fahrenheit): -67 °F  
Nominal Weight (Imperial): 0.03 lb/ft<sup>2</sup>  
Product Color: White  
Product Form: Roll  
Storage Environment: Freezer Storage  
eClass 14 Classification Group: 23330301

## **Dimensions and Classifications**

Overall Length (Imperial): 50 yd  
Overall Length (Metric): 45.7 m  
Overall Width (Imperial): 36 in  
Overall Width (Metric): 0.9 m



## **3M™ Adhesion Promoter 2262AT**

3M Product Number 2262AT 3M ID B40065489

### **Details**

Helps ensure robust attachment tape bond to automotive parts  
Intended for use with ABS, nylon, polyester and PVC compounds in trim attachment applications  
Pre-diluted solution is ready to use – no mixing or mess  
Dries in 5 to 10 seconds for speed and efficiency  
Formulated specifically for use with 3M™ Acrylic Foam Tapes and 3M™ Acrylic Plus Tapes

### **Typical properties**

eClass 14 Classification Group: 23330504

# **3M™ Scotch-Weld™ Low Odor Acrylic Adhesive DP8805LH, Green, 50 mL, 12/Case**

Part Number DP8805LH 3M Product Number DP8805LH 3M ID 7100024194

## **Details**

Low odor and non-flammable properties for a safer working environment compared to typical acrylic adhesives  
4 minute work life with 9 minutes to structural strength  
Durable finished bond with good shear and high impact strength  
Durable finished bond with excellent shear and high impact strength  
Bonds difficult surfaces such as powder coats and most plastics  
Spacer beads are half the size of DP8805NS for thinner bond lines

## **Typical properties**

Adhesive Type: Acrylic  
Application: Bonding, Impact Resistance  
Bond Flexibility: Rigid  
Brands: Scotch-Weld™  
Consistency: Liquid  
Container Size (Imperial): 1.69 fl oz  
Container Size (Metric): 50 mL  
Container Type: Cartridge  
Cure Temperature: Room Temperature  
Cure Time: 24 hr  
Industries: Consumer Goods, Electronics, MRO, Plastic, Signage, Specialty Vehicle, Transportation  
Open Time: 4 - 6 min  
Physical Form: Flowable Liquid  
Product Form: Each  
Set Time: 6 min - 8 min  
Shear Strength: 3900 psi  
Storage Temperature (Celsius): 27°C  
Storage Temperature (Fahrenheit): 80 Degree Fahrenheit  
Surface Type: Oily, Painted, Powder Coated, Smooth, Very Rough  
Time to Handling Strength: 6 min - 8 min  
Volume (Imperial): 1.7 fl oz  
Volume (Metric): 50 mL  
eClass 14 Classification Group: 23330109

# 3M™ Fast Tack Water Based Adhesive 1000NF

## Details

Solventless, one-part adhesive requires no mixing for safe, easy handling  
Stable bond provides good heat resistance for long-term endurance  
Bonds quickly for immediate handling strength  
Low overspray and high coverage minimizes waste  
Bonds a wide variety of substrates with high temperature resistance to meet a wide variety of needs  
Available in purple and neutral colors

## Typical properties

Application: Bond Countertop Laminate to Particle Board, Bond Wood Veneer to Particle Board  
Application Method: Brush, Roll, Spray  
Assembly Type: Large Surface Lamination  
Brands: 3M™  
Container Size (Imperial): 1 Gal. (US), 5 Gal. (US), 55 Gallon  
Container Size (Metric): 4 Liter, 18.9 Liter, 208.2 Liter  
Environmental Considerations: California Air Resources Board, GREENGUARD® Certified, Helps contribute to LEED® credits, Low VOC, Ozone Transport Commission, SCAQMD  
Flame Retardant: Non-flammable  
Heat Resistance: 300 Degree Fahrenheit  
Heat Resistance (Celsius): 149 °C  
Industries: Appliance, Automotive, Construction, Electronics, Furniture, General Industrial, Marine, Metalworking, Military, Specialty Vehicle, Transportation, Woodworking  
Open Time: 1 min - 10 min  
Product Color: Neutral, Purple  
Product Form: Bulk, Gallon  
Smallest Saleable Unit: Bottle, Canister, Case, Each  
Solids Weight Percent (Approximate): 48 %  
Surface Type: Wood  
eClass 14 Classification Group: 23330102

## **3M™ Hot Melt Adhesive 3750**

### **Details**

Aggressive hot tack rapidly achieves handling strength for packaging and other applications

Low viscosity provides high flow rate to support fast-paced production

Open time allows for positioning and fit adjustment

Both hot melt and low melt versions for bonding a variety of materials

Bonds corrugated or paperboard cartons, wood, particle board, chipboard and cushioning foams

This hot melt adhesive is Tan in color

### **Typical properties**

Adhesive Type: Ethylene Vinyl Acetate

Application Method: Handheld Process, Spray

Brands: 3M™

Container Size (Imperial): 11 lb., 25 lb.

Container Size (Metric): 5 kg, 11.34 kg

Form: Flowable Liquid

Heat Resistance: 125 Degree Fahrenheit

Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, Military & Government, Packaging, Retail, Signage, Specialty Vehicle, Transportation, Woodworking

Maximum Operating Temperature (Fahrenheit): 125 °F, 128 °F

Open Time: 35 Second

Product Color: Light Tan, Tan

Product Form: Pound

Shear Strength: 500 psi

Solids Weight Percent (Approximate): 100 %

Units per Case: 11.0

eClass 14 Classification Group: 23330104

### **Dimensions and Classifications**

Overall Length (Imperial): 12 in

Overall Length (Metric): 0.3 m

Overall Width (Imperial): 0.45 in, 0.5 in

Overall Width (Metric): 11.4 mm, 12.7 mm

# 3M™ Super 77™ Multipurpose Spray Adhesive

## Details

FOR INDUSTRIAL USE ONLY: This product is designed exclusively for industrial applications

AGGRESSIVE TACK: Offers a fast, medium-strength initial grab for a quick bond

REPOSITION AND ADJUST: Features sufficient open time to properly position and bond materials

HIGH-SOLIDS CONTENT: Supports low soak-in to help provide high coverage and soft, non-dimpling adhesive lines

MADE FOR PROFESSIONALS: Provides medium-strength bonding for demanding applications

VERSATILE ADHESIVE: Bonds paper, corrugated board, fabric, foam, wood, and more

## Typical properties

Application: Insulation Attachment, Large Surface Lamination Assembly

Application Method: Spray

Assembly Type: Large Surface Lamination

Brands: Super 77™

Case Quantity: 12.0 Bags per Case

Container Size (Imperial): 16 fl oz (US), 24 fl oz (US)

Container Size (Metric): 473 ml, 710 ml

Environmental Considerations: Helps contribute to LEED® credits

Flame Retardant: Flammable

Form: Aerosol

Heat Resistance: 150 Degree Fahrenheit

Heat Resistance (Celsius): 66 °C

Industries: Appliance, Construction, Consumer Goods, Electronics, Furniture, General Industrial, MRO, Marine, Metalworking, Military, Packaging, Signage, Specialty Vehicle, Transportation, Woodworking

Open Time: 1 - 15 min

Product Color: Transparent

Product Form: Aerosol

Solids Weight Percent (Approximate): 25 %, 36 %

Spray Pattern: Mist

Surface Type: Cardboard, Fabric, Metal, Wood

Units per Case: 12.0

eClass 14 Classification Group: 23330115

# 3M™ EZ Sand Multi Purpose Repair Material

## Details

**DURABLE YET FLEXIBLE:** For automotive plastic panel repair and matching OEM seam sealers  
**TWO-PART EPOXY:** Adhesive is automatically metered for proper ratio  
**SANDABLE IN MINUTES:** Seals can be painted over in as few as 15 minutes  
**PART OF A COMPLETE REPAIR SYSTEM:** Works with 3M™ applicators and adhesion promoters  
**NOZZLES INCLUDED:** Includes two static mixing nozzles

## Typical properties

Adhesive Type: Two-Part Epoxy  
Application: Plastic Repair, Repairing Surface Defects, Seam Sealing and Bonding  
Case Quantity: 4.0 Bags per Case, 6.0 Cartridges per Case, 6.0 Bags per Case  
Consistency: Paste  
Container Size (Imperial): 0.156 Gallon, 1.69 fl oz (US), 6.76 fl oz (US)  
Container Size (Metric): 47.3 ml, 200 ml, 600 ml  
Container Type: Cartridge  
Full Cure Time: 24 hr  
Handling Time: 5 min  
Paint Time: 30 Minute  
Product Color: Gray, White  
Product Form: Paste  
Product Type: Body Filler  
Sand Time: 15 Minute  
Volume (Imperial): 1.6 fl oz, 6.75 fl oz, 20.3 fl oz  
Volume (Metric): 47.3 mL, 200 mL, 600 mL  
Work Time: 8 min  
eClass 14 Classification Group: 22170790

## **3M™ Lightweight Body Filler**

### **Details**

Creamy formula provides easy mixing & spreading  
Good handling properties  
Tack-free finish  
Vacuum processed formula minimizes pinholes  
Two-component system includes filler and hardener

### **Typical properties**

Application: Applying Body Filler, Dent Fill, Small Dent Repair  
Case Quantity: 6.0 Kits per Case, 4.0 Kits per Case  
Consistency: Paste  
Container Size (Imperial): 1 Gallon, 1 Quart  
Container Size (Metric): 3.78 Liter, 946 ml  
Container Type: Can  
Container Volume: 25.6 fl oz (US), 102.0 fl oz (US)  
Dry Time: 20 min  
Handling Time: 3 - 5 min  
Paint Time: 45 Minute  
Performance Level: Good  
Product Color: Blue, Gray  
Product Type: Body Filler  
Sand Time: 20 Minute  
Volume (Imperial): 102 fl oz  
Volume (Metric): 3 L, 757 mL  
Work Time: 4 min  
eClass 14 Classification Group: 22170700

## **3M™ Universal Adhesive**

### **Details**

Two-part urethane technology offers excellent gap filling  
Delivers fast work time  
Features high viscosity for a strong and accurate application  
Delivers durable bonds within minutes of application

### **Typical properties**

Adhesive Type: Epoxy, Urethane  
Application: Bonding  
Case Quantity: 6  
Consistency: Paste  
Container Size (Imperial): 1.6 fl oz, 6.76 fl oz  
Container Size (Metric): 47.3 mL, 200 mL  
Container Type: Cartridge  
Cure Time: 1-4 Hours  
Paint Time: 1 Hour, 4 Hour  
Set Time: 30 min  
Time to Handling Strength: 10 min - 30 min  
Volume (Imperial): 1.6 fl oz, 6.75 fl oz  
Volume (Metric): 47.3 mL, 200 mL  
Work Life: 3 Minutes  
eClass 14 Classification Group: 23330109



## **Bondo® Professional Gold Filler**

3M ID B40067508

### **Details**

Professional-grade filler repairs dents, holes and scratches

Adhesion promoted filler works faster on galvanized steel, great for newer vehicles (1998+)

Advanced resin technology makes for smooth, easy application and sanding

Minimal shrinkage – creates and maintains the ideal surface for painting

Cures in as little as 20 minutes for fast repairs

Water resistant to help prevent rust

Includes Bondo® Red Cream Hardener

Use during the Fill stage of the 3M™ Body Repair System

### **Typical properties**

Brands: Bondo®

eClass 14 Classification Group: 22170700

## **3M™ Hi-Strength Laminating Adhesive 92**

### **Details**

Versatile, high-tack adhesive offers a strong hold  
Formulated with exceptionally high solids to provide high coverage and economical value  
High-temperature resistance for durable and resilient performance  
Lace pattern proven ideal for textured substrates  
Fast-tack adhesive for immediate handling  
Available in cylinders and bulk containers for stationary or portable work

### **Typical properties**

Application Method: Spray  
Brands: 3M™  
Container Size (Imperial): 29.3 lb., 139 lb., 279 lb.  
Container Size (Metric): 13.3 kg, 63 kg, 126.6 kg  
Flame Retardant: Flammable  
Form: Aerosol, Liquid  
Industries: Automotive, Furniture, Specialty Vehicle, Transportation, Woodworking  
Open Time: 1 - 20 min  
Product Color: Red, Transparent  
Product Form: Cylinder  
Smallest Saleable Unit: Each  
Solids Weight Percent (Approximate): 23 %  
Spray Pattern: Lace  
Units per Case: 1.0  
eClass 14 Classification Group: 23330115

## **3M™ Industrial Adhesive 4799**

### **Details**

Heat and water resistant adhesive offering long-lasting endurance  
Bonds firmly and sticks reliably  
Ideal for weather stripping, rubber sheet seaming/sealing

### **Typical properties**

Application: Bonding a Rubber Door Weather Seal Gasket to Metal  
Application Method: Brush, Trowel  
Assembly Type: Gasket Attachment, Large Surface Lamination  
Brands: 3M™  
Case Quantity: 36.0 Bags per Case  
Container Size (Imperial): 1 Quart, 1 Gallon, 5 fl oz (US), 5 Gallon  
Container Size (Metric): 1 Liter, 3.8 Liter, 18.93 Liter, 150 ml  
Flame Retardant: No  
Form: Liquid, Paste  
Industries: Automotive, Construction, General Industrial, MRO, Military & Government, Packaging, Specialty Vehicle, Transportation  
Open Time: Up to 15 min  
Product Color: Black  
Product Form: Bulk, Tube  
Solids Weight Percent (Approximate): 32 %, 36 %  
State Restrictions: CA, CT, DC, DE, IL, MA, MD, ME, MI, NH, NJ, NY, OH, PA, RI, VI  
Surface Type: Metal, Plastic, Rubber, Wood  
Units per Case: 36.0,1.0,12.0,4.0  
eClass 14 Classification Group: 23330115

# 3M™ Scotch-Weld™ PUR Easy Adhesive EZ250030

## Details

Fast 30 seconds set time for fast-paced processes and productivity  
Creates high-strength bonds that are plasticizer resistant  
Bonds to a variety of materials, including wood and plastics  
100% solids formula with no VOCs  
120 seconds open time for joining parts together  
One component adhesive for easy application with no mixing or guesswork  
Bonds to polyethylene and polypropylene with slight surface modification

## Typical properties

Adhesive Type: Polyurethane Reactive (PUR)  
Application Method: Extruded from hand held or bench mounted applicators, It is dispensed with bulk application equipment  
Assembly Type: Mounting & Trim Attachment  
Brands: Scotch-Weld™  
Container Size (Imperial): 0.1 Gallon, 5 Gal. (US)  
Container Size (Metric): 18.9 Liter, 310 ml  
Design Challenges: Impact & Shock Absorption  
Full Cure Time: 24 hr  
Hardness: 50 Shore D  
Indoor/Outdoor: Both  
Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, Metalworking, Military & Government, Packaging, Retail, Signage, Specialty Vehicle, Transportation, Woodworking  
Open Time: 2 min  
Physical Form: Flowable Liquid  
Product Color: Off-white, White  
Product Form: Gallon  
Set Time: 15 sec - 30 sec  
Smallest Saleable Unit: Each  
Solids Weight Percent (Approximate): 100 %  
Storage Temperature (Celsius): 16 to 27 °C  
Storage Temperature (Fahrenheit): 60 °F - 80 °F (16 °C - 27 °C), 60 to 80 Degree Fahrenheit  
Units per Case: 1.0, 5.0  
Viscosity: Self-leveling  
Work Time: 2 min  
eClass 14 Classification Group: 23330104

# 3M™ Scotch-Weld™ Structural Plastic Adhesive DP8005

## Details

Creates strong bond on low surface energy plastics (LSE) such as polyolefin with minimal or no surface prep required  
Resists many chemicals, water, humidity and corrosion  
Formulated to bond multi-material assemblies such as LSE plastics, thermoplastics composites and metals  
Medium viscosity allows controlled dispensing  
3 minute work life with 3 hours handling strength  
Strong adhesive can replace screws, rivets and welding

## Typical properties

Adhesive Type: Acrylic  
Application: Encapsulating, Potting, Sealing  
Brands: Scotch-Weld™  
Container Size (Imperial): 1.52 fl oz, 16.57 fl oz  
Container Size (Metric): 45 mL, 490 mL  
Features: Low Odor  
Full Cure Time: 8 hr - 24 hr  
Hardness: 55 - 60 Shore D  
Industries: Automotive, Construction, Electronics, General Industrial, Metalworking, Military, Signage, Specialty Vehicle, Transportation, Woodworking  
Open Time: 3 min @ 72 °F (22 °C)  
Physical Form: Flowable Liquid  
Product Form: Each  
Set Time: 3 hr  
Shear Strength: 2000 psi  
Specific Gravity: 1.02  
Storage Temperature (Celsius): 4 °C  
Storage Temperature (Fahrenheit): 40 Degree Fahrenheit  
Surface Type: Painted, Powder Coated, Smooth, Unpainted  
Volume (Imperial): 1.58 fl oz, 17.25 fl oz  
Volume (Metric): 45 mL, 490 mL  
Work Life: 3 Minutes  
eClass 14 Classification Group: 23330109

## **3M™ Scotch-Weld™ Threadlocker TL90**

### **Details**

Prevents nuts and bolts from loosening with vibration  
Fills and seals threads completely to help stop corrosion, rust and leaks  
Eliminates the need for lock washers and other locking components  
Wicking grade for application after parts are assembled  
Green, medium removal torque  
Long open time anaerobic adhesives that cure quickly  
Helps keep production equipment up and running

### **Typical properties**

Adhesive Type: Anaerobic  
Application: Equipment Maintenance  
Assembly Type: Small Joint Assembly  
Brands: Scotch-Weld™  
Breakaway Torque Strength: 20 lb.in - 150 lb.in  
Container Size (Imperial): 0.33 fl oz (US), 1.69 fl oz (US), 8.45 fl oz (US)  
Container Size (Metric): 10 ml, 50 ml, 250 ml  
Industries: General Industrial, MRO, Metalworking, Signage, Specialty Vehicle, Woodworking  
Maximum Operating Temperature (Celsius): 200 °C  
Maximum Operating Temperature (Fahrenheit): 392 °F  
Physical Form: Liquid  
Prevailing Torque Strength: 150 lb.in - 500 lb.in  
Product Color: Green  
Product Type: Thread locker  
Removability: Removable with hand tools  
Set Time: 10 min - 30 min  
Storage Temperature (Celsius): 22°C  
Storage Temperature (Fahrenheit): 72 Degree Fahrenheit  
Threadlocking Strength: High, Medium  
Viscosity Range (cps) at Room Temperature: 10-30  
eClass 14 Classification Group: 23330111

## **3M™ NVH Dampening Material, 04274, 200 mL Cartridge, 6 per case**

Part Number 04274 3M ID 7100004038 UPC 00051131042742

### **Details**

Soft, sturdy, non-shrink formula stops vibration and reduces noise between panels, braces and intrusion beams  
Provides 60-minute worktimes to help ensure accurate installation  
Excellent for thin gaps where foam cannot be used or easily replaced  
Can be applied up to 1" thick to vertical and overhead surfaces with minimal drip  
Non-solvent formula won't shrink after installation

### **Typical properties**

Adhesive Type: Two-Part Urethane  
Application: Joint Filling, Restoring, Sealing  
Brands: 3M™  
Case Quantity: 6.0 per Case  
Consistency: Paste  
Container Size (Imperial): 6.76 fl oz (US)  
Container Size (Metric): 200 ml  
Container Type: Cartridge  
Full Cure Time: 1 hr  
Product Color: Black, Transparent  
Product Type: Dampening Material  
Surface Type: Painted Surface  
Tack-free Time: 1 hr  
Work Time: 60 min  
eClass 14 Classification Group: 23330106

## **3M™ Spreaders**

### **Details**

A basic tool for consistently applying products  
Flexible body and sharp edge allow for easy and accurate body filler spreading  
Reusable – cured filler pops off with a simple twist  
Non-absorbent 1-piece construction keeps spreader clean and ready for use, saving time and material costs  
Designed specifically for collision repair professionals

### **Typical properties**

Application: Applying Body Filler  
Case Quantity: 24.0 Packs per Case,50.0 Packs per Case  
Product Color: Yellow

### **Dimensions and Classifications**

Overall Length (Imperial): 6 in  
Overall Length (Metric): 152.4 mm  
Overall Width (Imperial): 4 in  
Overall Width (Metric): 101.6 mm



## **3M™ Marine Grade Silicone Sealant**

### **Details**

High quality silicone sealant  
For above the waterline interior/exterior sealing  
Mildew resistant, non-yellowing, non-sagging formula  
Adheres to bare and painted metal, fiberglass, glass, non-oily woods, many plastics and abraded rubber  
Moisture-curing

### **Typical properties**

Adhesive Type: Silicone  
Application Method: Hand or pressure caulk  
Brands: 3M™  
Container Size (Imperial): 3 fl oz (US), 10.3 fl oz (US)  
Container Size (Metric): 88.7 ml, 304 ml  
Container Type: Cartridge, Tube  
Full Cure Time: 24 hr  
Industries: General Industrial, Marine  
Physical Form: Medium paste  
Product Color: Transparent, White  
Product Form: Cartridge, Tube  
Solids Weight Percent (Approximate): 98 %  
Tack-free Time: 5 min - 10 min  
Tensile Strength (Imperial): 220 psi  
Units per Case: 12.0,6.0  
eClass 14 Classification Group: 30140102

## **3M™ Cylinder Adhesive Hose**

### **Details**

Flexible, inert nylon/synthetic rubber hose  
Available in varying lengths from 6-50 feet  
Required for use with 3M™ Cylinder Adhesive Applicators  
Straightforward, simple design allows for quick assembly with an adjustable wrench

### **Typical properties**

Application Method: Spray  
Brands: Scotch-Weld™  
Industries: Construction, Consumer Goods, Electronics, General Industrial, Military & Government, Specialty Vehicle, Transportation  
Product Color: Black  
Product Form: Accessory  
Product Type: Hose  
Units per Case: 1.0

### **Dimensions and Classifications**

Overall Length (Imperial): 6 ft, 12 ft, 25 ft, 50 ft  
Overall Length (Metric): 1.82 m, 3.66 m

# 3M™ Scotch-Weld™ Instant Adhesive CA40H

## Details

Enables more controlled and precise application with less mess and run off  
High strength and impact resistance  
Reaches handling strength in under 40 seconds  
Medium viscosity adhesive is easily applied from the bottle

## Typical properties

Adhesive Type: Instant Adhesive  
Application: Bonding, Bonding Composite Materials, Equipment Maintenance, Gasket Assembly, Gasket Attachment, Mounting & Trim Attachment, Plastic Repair, Small Joint Assembly  
Brands: Scotch-Weld™  
Container Size (Imperial): 1 lb., 1 fl oz (US)  
Container Size (Metric): 0.45 kg, 29.57 ml  
Design Challenges: Impact & Shock Absorption  
For Use On: Glass & Ceramics, Plastic (Polyolefins and Thermoplastic Elastomers), Wood, Fabric, Felt, Cork & Fibrous Glass, Flexible Foam (Latex, Urethane), Plastic (High Performance Nylon), Leather, Metal, Paper & Cardboard, Rubber (Except EPDM), EPDM Rubber, Rigid Foam (Urethane), Rigid Foam (Beadboard Styrene), High Surface Energy, (400-1100 Dynes/cm), Plastic (Flexible Vinyl), Plastic (ABS, PVC, Acrylic), Smooth  
Full Cure Time: 24 Hours @ 72 F (22 C)  
Indoor/Outdoor: Both  
Industries: Construction, Consumer Goods, Electronics, General Industrial, MRO, Medical, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Maximum Operating Temperature (Celsius): 93 °C  
Maximum Operating Temperature (Fahrenheit): 175 °F  
Net Weight (Imperial): 1 lb  
Physical Form: Liquid  
Product Color: Transparent  
Product Form: Bottle  
Product Type: Instant Adhesive  
Set Time: 5-40 Seconds  
Shear Strength: 1700 psi  
Specific Gravity: 8.7 Pound Per Gallon (US)  
Storage Temperature (Celsius): 22°C  
Storage Temperature (Fahrenheit): 72 Degree Fahrenheit  
Units per Case: 1.0, 12.0  
Viscosity: Self-leveling  
Viscosity Range (cps) at Room Temperature: 400-600  
Volume (Imperial): 1 fl oz  
Volume (Metric): 29.57 mL  
Work Time: 5-40 Seconds  
eClass 14 Classification Group: 23330105

# 3M™ Scotch-Weld™ PUR Easy Adhesive EZ250015

## Details

Fast 15 seconds set time for fast-paced processes and productivity  
Creates high-strength bonds that are plasticizer resistant  
Bonds to a variety of materials, including wood and many plastics  
100% solids formula with no VOCs  
90 seconds open time for joining parts together  
One component adhesive for easy application with no mixing or guesswork  
Bonds to polyethylene and polypropylene with slight surface modification  
Bonds to polyethylene and polypropylene with slight surface modification  
Designed for use with the 3M™ Scotch-Weld™ PUR Applicator and unique disposable nozzles

## Typical properties

Adhesive Type: Polyurethane Reactive (PUR), Urethane  
Application Method: Extruded from hand held or bench mounted applicators  
Brands: Scotch-Weld™  
Container Size (Imperial): 0.1 Gallon, 5 Gal. (US)  
Container Size (Metric): 18.9 Liter, 310 ml  
Design Challenges: Impact & Shock Absorption  
Full Cure Time: 24 hr  
Hardness: 65 Shore D  
Indoor/Outdoor: Both  
Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, Metalworking, Military & Government, Packaging, Retail, Signage, Specialty Vehicle, Transportation, Woodworking  
Open Time: 1.5 Minute  
Physical Form: Flowable Liquid  
Product Color: Off-white, White  
Product Form: Cartridge, Pound  
Set Time: 15 sec - 30 sec  
Smallest Saleable Unit: Each  
Solids Weight Percent (Approximate): 100 %  
Storage Temperature (Celsius): 16 to 27 °C  
Storage Temperature (Fahrenheit): 60 °F - 80 °F (16 °C - 27 °C), 60 to 80 Degree Fahrenheit  
Units per Case: 1.0, 5.0  
Viscosity: Self-leveling  
Work Time: 90 Seconds  
eClass 14 Classification Group: 23330104

## **Scotch® Glue Stick 003-CFT, 1.41 oz.(40 g)**

3M ID 70005274363 UPC 00051131761520

### **Details**

Cleans off hands and household surfaces with soap and water  
One stick per package  
Non-Toxic  
Easy clean up  
Acid free  
Photo safe

### **Typical properties**

Brands: Scotch®  
Factory ISO Certification: No ISO Certification information available  
Net Weight (Imperial): 1.41 oz  
Product Color: Transparent  
Product Type: Glue Stick  
eClass 14 Classification Group: 23330113

**3M™ Scotch-Weld™ Concrete Repair DP600NS, Gray, Non-Sag,  
48.5mL Duo-Pak,  
12/Case**

Part Number DP600NS 3M Product Number DP600NS 3M ID 7100148747

**Details**

Low viscosity for ease of dispensing  
Non-Newtonian: highly non-sag for vertical applications  
Easily dispenses from a Duo-Pak cartridge system  
Cures in minutes to any depth without cracking  
Allows for sanding refinement and smooth finishes

**Typical properties**

Brands: Scotch-Weld™  
Container Size (Imperial): 1.64 fl oz  
Container Size (Metric): 48.5 mL  
Industries: Metalworking, Signage, Specialty Vehicle, Woodworking  
Units per Case: 12.0  
eClass 14 Classification Group: 23330109

## **3M™ Marine High Strength Repair Filler**

### **Details**

Filler restores damaged fiberglass hulls and decks on boats  
Short strands of fiberglass reinforce strength of filler  
Paste consistency allows application of vertical surfaces  
Non-staining and non-shrinking formula  
3M™ Cream Hardener included

### **Typical properties**

Application: Dent Fill, Fiberglass Repair, Filling and Faring Above and Below the Water Line, Large Void Fill, Marine Dent Fill, Small Dent Repair, Surface Preparation for Painting  
Case Quantity: 6.0 Kits per Case, 4.0 Kits per Case  
Consistency: Paste  
Container Size (Imperial): 1 Quart, 1 Gallon  
Container Size (Metric): 3.785 Liter, 946.353 ml  
Container Type: Can  
Container Volume: 2.4 lb., 9.9 lb.  
Product Type: Marine Filler  
Sand Time: 30 Minute  
Volume (Imperial): 1 gal  
eClass 14 Classification Group: 22170700

## **3M™ Threaded Cartridge Nozzle, 08187, 50 per carton, 6 cartons per case**

Part Number 08187 3M ID 7010328467 UPC 00051135081877

### **Details**

**SMOOTH APPLICATION:** Facilitates smooth application of single component sealants, urethanes, and adhesives

**TAPERED NOZZLE:** Conical tapered nozzle forms a consistent bead

**THREADED CONSTRUCTION:** A secure attachment to cartridges prevents the nozzle from snapping off

**LASTING REUSABILITY:** Increase cost efficiency with a reusable that's built to last

**PART OF A COMPLETE SYSTEM:** Works with 3M™ single component cartridges

### **Typical properties**

Application: Dispensing

Brands: 3M™

Case Quantity: 6.0 Cartons per Case

Material: Plastic

Product Color: Opaque

Product Type: Nozzle

Tip Style: Sealer

eClass 14 Classification Group: 21045111



# Scotch® Primer Y122, Transparent, 5 Gallon (Pail), Drum

3M Product Number Y122 3M ID 7010067432 UPC 50021200234298

## Details

Primer compatible with flexographic printing applications  
Enables high value, custom void label constructions  
Provides strong adhesive bond between facestock and contrast coating  
Typical applications include bar code tracking, thermal transfer labels, warning labels

## Typical properties

Application: Structural Glazing  
Brands: 3M™  
Industries: Automotive, Consumer Goods, Converter Solutions, Electronics, General Industrial, Medical, Military & Government, Packaging, Specialty Vehicle, Transportation  
Product Form: Gallon  
Product Type: Primer  
Units per Case: 1.0  
Volume (Imperial): 5 gal  
Volume (Metric): 18.93 L  
eClass 14 Classification Group: 23330504

## **3M™ Adhesion Promoter AC-132**

### **Details**

Compatible with polysulfide and polythioether sealants  
Works well on metal and solvent resistant coatings  
One-part Formula optimized for easy application  
Allows for faster initial adhesion build rate of sealants to substrate

### **Typical properties**

Application: Sealing  
Brands: 3M™  
Composition: Solvent Based  
Cure Temperature: Room Temperature  
Density: 1.3 Gram per Liter  
Factory ISO Certification: No ISO Certification information available  
Product Type: Adhesion Promoter  
Surface Type: Metal, Solvent-resistant Coating  
Volume (Imperial): 2 fl oz  
Volume (Metric): 59.15 mL  
eClass 14 Classification Group: 23330504

# 3M™ Scotch-Weld™ Structural Adhesive EC-3964, 1 gal, 4 Drum/Case

Part Number EC-3964 3M Product Number EC-3964 3M ID 7010310245

## Details

Designed for 350°F (175°C) cure

3M™ Scotch-Weld™ Structural Adhesive EC-3964 is a solution version of 3M™ Structural Adhesive Film AF 147

Can be sprayed on screen without filling holes

Typical use is to bond screen in sound suppression panels on aircraft engine nacelles

Outstanding performance in metal to metal and metal to honeycomb strength over a temperature range of -67 to 300°F (-55 to 150°C)

## Typical properties

Adhesive Type: Epoxy

Application: Metal Bonding, Structural Bonding

Brands: Scotch-Weld™

Container Size (Imperial): 1 Gallon

Container Size (Metric): 3.79 Liter

Cure Temperature (Celsius): 176 °C

Cure Temperature (Fahrenheit): 350 °F

Factory ISO Certification: No ISO Certification information available

Product Color: Light Tan

Surface Treatment: No

eClass 14 Classification Group: 23330109

## **3M™ Aerospace Sealant AC-380**

### **Details**

Helps reduce shrinkage and rework for total cost reduction  
Excellent tooling properties for easy application  
Quick cure allows increased throughput  
Low density formula weighs 3–4 lbs. less per gallon than traditional sealants

### **Typical properties**

Application: Sealing  
Application Life: 2 Hour, 30 Minute  
Container Size (Imperial): 1 Quart, 1 Pint, 2 Ounce, 6 Ounce  
Cure Type: Fast Cure  
Factory ISO Certification: No ISO Certification information available  
Product Color: Brown  
Product Form: Cartridge, Kit  
Product Volume: 2 Ounce, 3.5 Ounce, 12 Ounce, 24 Ounce  
Sealant Class: B  
eClass 14 Classification Group: 22171000

# 3M™ Scotch-Weld™ Composite Surfacing Film AF 325 M, Blue

## Details

Excellent for surfacing composite parts  
Available in both white and blue to provide color contrast to underlying composite prepreg  
Co-cure compatible with most epoxy composite prepreg systems  
Provides a smooth surface with minimal pinholes and other surface imperfections  
Reduces the need for subsequent surface filling, fairing and sanding operations  
Low density formulation aids in pre-paint surface preparation  
Operational performance range from -67°F (-55°C) to 300°F (149°C)

## Typical properties

Adhesive Type: Epoxy  
Application: Surfacing  
Cure Rate: 1 hr  
Factory ISO Certification: No ISO Certification information available  
Maximum Cure Conditions (Celsius): 177 °C  
Maximum Cure Conditions (Fahrenheit): 350 °F  
Maximum Operating Temperature (Celsius): 149 °C  
Maximum Operating Temperature (Fahrenheit): 300 °F  
Minimum Cure Conditions (Celsius): 121 °C  
Minimum Cure Conditions (Fahrenheit): 250 °F  
Minimum Operating Temperature (Celsius): -55 °C  
Minimum Operating Temperature (Fahrenheit): -67 °F  
Nominal Weight (Imperial): 0.035 lb/ft<sup>2</sup>  
Product Color: Blue  
Product Form: Roll  
Storage Environment: Freezer Storage  
eClass 14 Classification Group: 23330301

## Dimensions and Classifications

Overall Length (Imperial): 36 yd, 50 yd  
Overall Length (Metric): 33 m, 45.7 m  
Overall Width (Imperial): 36 in  
Overall Width (Metric): 0.9 m

# **3M™ Scotch-Weld™ Structural Adhesive EC-7236 B/A**

Part Number 7236 3M Product Number 7236 3M ID B40066474

## **Details**

Toughened system provides high mechanical strength  
Wide service temperature range  
Excellent environmental resistance  
Capable of room temperature curing

## **Typical properties**

eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Structural Adhesives Primer EC-1945 B/A

## Details

Two-part chemically curing, corrosion resistant primer  
Cures at room temperature to eliminate need for added process steps  
Formula provides excellent adhesion to metals  
Can be applied by dip, brush or spray to cover large areas quickly and efficiently  
Long application time, up to 8 hours, to ensure quality and to accommodate comprehensive processes  
Provides adhesion to epoxies and urethanes

## Typical properties

Application: Adhesion Promotion, Corrosion Protection  
Composition: Solvent Based  
Cure Temperature: Room Temperature  
Density: 1.31 g/cc  
Factory ISO Certification: No ISO Certification information available  
Percent Volatile: 30-40 Percent  
Product Type: Primer  
Shelf Life: 12 Month  
Surface Type: Metal  
Volume (Imperial): 1 qt, 1 gal  
Volume (Metric): 0.95 L, 3.79 L  
eClass 14 Classification Group: 23330504

# **3M™ Scotch-Weld™ Urethane Adhesive EC-3587 B/A**

## **Details**

Provides high peel strength for long-term durability  
Formulated to be impact-resistant, creating a tough and durable bond  
Designed to be a sag-resistant urethane adhesive for accurate application  
Longer work-life offers time for proper application and adjustment

## **Typical properties**

Adhesive Type: Urethane  
Brands: Scotch-Weld™  
Container Size (Imperial): 1 qt, 1 pt  
Container Size (Metric): 0.47 L, 0.95 L  
Cure Rate: 7 days  
Cure Temperature: Room Temperature  
Factory ISO Certification: No ISO Certification information available  
eClass 14 Classification Group: 23330109



## **3M™ UV-Curable Adhesive LC-3200**

3M Product Number LC-3200 3M ID B5005035148

### **Details**

Excellent for semiconductor wafer bonding and debonding with high throughput  
UV-curable adhesive requires no heat for reliable bonding during high-  
temperature processes

100% solid acrylic adhesive removes the need to use solvents in this stage of the  
semiconductor manufacturing process

Good heat and chemical resistance, easy and clean removal

Compatible with typical semiconductor process chemistries and processes

Used as part of the 3M™ Wafer Support System

### **Typical properties**

Application: High Temperature Process, Semiconductor Process, Temporary  
Bonding & Debonding

Cure Color: Light Yellow

Cure Method: UV

Cure Speed UV (sec): <10

Shelf Life: 1 Year

Substrate: Ceramic, Compound Semiconductor, Polyimide, Silicon Carbide,  
Single-crystal Silicon

Tensile Strength (Imperial): 1871.0 psi

Viscosity: 3000 cPs

## **3M™ Scotch Weld™ Applicator Tip for Edge Fill**

Part Number NT EF-1 3M Product Number NT EF-1 3M ID 7010352091

### **Details**

For use with 3M™ Low Density Void Filler Adhesives  
Fits securely on a round 13 mm OD mixing nozzle  
Reduces worker touch time

### **Typical properties**

Brands: 3M™  
Factory ISO Certification: No ISO Certification information available  
Material: Plastic  
Product Form: Each  
Product Type: Tip  
Tip Style: Sealer  
eClass 14 Classification Group: 21045111

# **3M™ Scotch-Weld™ Structural Adhesive EW2060HF**

3M ID B5005036065

## **Details**

- Low temperature curable (80 degree C)
- Fast cure at high temperature (140 degree C, 10 min)
- 115 degree C of glass transition temperature
- Halogen compliant
- Requires heat to cure
- Does not require mixing

## **Typical properties**

eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Epoxy Adhesive DP460EG

## Details

High peel and shear strength  
Excellent durability  
Controlled flow  
Total outgassing < 1000 µg/g (via GC/MS, 85 °C for 3 hours)  
Siloxane outgassing ≤ 5 µg/g (via GC/MS, 85 °C for 3 hours)  
Lower chloride ion content than standard epoxies

## Typical properties

Application: Bonding, Potting  
Container Size (Imperial): 55.12 lb  
Container Size (Metric): 25 kg  
Container Type: Pail  
Cure Temperature: Room Temperature  
Factory ISO Certification: No ISO Certification information available  
Industries: Electronics  
Mix Ratio Volume Base:Accelerator: 2:1  
Product Usage: Electrical Components, Electronics, Hard Disk Drive Component Assemblies  
Set Time: 2 hr  
Storage Temperature (Celsius): 15°C - 27°C  
Storage Temperature (Fahrenheit): 60 °F - 80 °F  
Time to Handling Strength: 4 hr  
Volume (Imperial): 7.7 gal  
Volume (Metric): 29.3 L  
Work Life: 110 min  
eClass 14 Classification Group: 23330109

# **3M™ Scotch-Weld™ Structural Adhesive EW2046**

3M ID B10495349

## **Details**

- Excellent peel strength
- Excellent humidity resistance
- Requires heat to cure
- Does not require mixing
- 170 degree C of glass transition temperature

## **Typical properties**

eClass 14 Classification Group: 23330109

# **3M™ Scotch-Weld™ Structural Adhesive EW2042**

3M ID B5005036064

## **Details**

- Halogen compliant
- Excellent peel strength
- High heat resistance
- Requires heat to cure
- Does not require mixing
- 170 degree C of glass transition temperature

## **Typical properties**

eClass 14 Classification Group: 23330109

# **3M™ Scotch-Weld™ Structural Adhesive EW2030**

3M ID B5005036063

## **Details**

- Excellent retention of overlap shear strength under Pressure Cooker Test
- High humidity resistance
- Excellent dielectric strength 19 kV/mm
- 120 degree C of glass transition temperature
- Silica filler type
- Requires heat to cure
- Does not require mixing

## **Typical properties**

eClass 14 Classification Group: 23330109

# **3M™ Foam Fast Spray Adhesive 74CA, Low VOC <25%, Clear, 24 fl oz (Net Wt 19 oz), 12 Can/Case**

Part Number 74 3M Product Number 74 3M ID 7100014108

## **Details**

CARB\* and SCAQMD compliant, GREENGUARD® certified, helps contribute to LEED® credits

Designed specifically for foams and fabrics

Offers a fast, aggressive tack for quick assembly of high-stress bonds

Provides professional, industrial strength for demanding applications

Adjustable-width lace spray pattern is optimized for bonding flexible urethane or latex foam

Allows for a bond time of 15 seconds to 30 minutes

This product is available in orange

## **Typical properties**

Application: Large Surface Lamination Assembly

Application Method: Spray

Assembly Type: Large Surface Lamination

Brands: 3M™

Case Quantity: 12.0 Bags per Case

Container Size (Imperial): 24 fl oz (US)

Container Size (Metric): 710 ml

Environmental Considerations: California Air Resources Board, GREENGUARD® Certified, Helps contribute to LEED® credits, Low VOC, Ozone Transport Commission, SCAQMD

Flame Retardant: Flammable

Form: Aerosol

Heat Resistance: 170 Degree Fahrenheit

Heat Resistance (Celsius): 77 °C

Industries: Automotive, Consumer Goods, Furniture, General Industrial, MRO, Specialty Vehicle, Transportation

Open Time: 1 - 15 min

Product Color: Transparent

Product Form: Aerosol

Solids Weight Percent (Approximate): 22 %

Spray Pattern: Variable Lace

Units per Case: 12.0

eClass 14 Classification Group: 23330115



## **3M™ Polystyrene Insulation 78 ET Cylinder Spray Adhesive**

### **Details**

Designed specifically for bonding expanded polystyrene foams (EPS)  
Extended working time of one to 60 minutes  
Forms a bond stronger than the polystyrene foam  
Bonds polystyrene without dissolving or degrading  
Sprays with a lace pattern optimized for foam bonding  
Provides professional, industrial strength bonding for demanding applications

### **Typical properties**

Application Method: Spray  
Brands: 3M™  
Container Size (Imperial): 29.3 lb., 139 lb., 298 lb.  
Container Size (Metric): 13.3 kg, 63 kg, 135.2 kg  
Flame Retardant: Flammable  
Form: Aerosol, Liquid  
Heat Resistance: 200 Degree Fahrenheit  
Heat Resistance (Celsius): 93 °C  
Industries: Construction, General Industrial, Packaging, Retail, Specialty Vehicle, Transportation  
Open Time: 1 - 60 min  
Product Color: Green, Transparent  
Product Form: Cylinder  
Smallest Saleable Unit: Each  
Solids Weight Percent (Approximate): 17 %  
Units per Case: 1.0  
eClass 14 Classification Group: 23330115

# 3M™ Scotch-Weld™ Flexible Acrylic Adhesive DP8610NS

## Details

**KEY SUBSTRATES:** Adheres to a variety of substrates, including those that are slightly oily

**VERSATILE USE:** Ideal for the transportation, rail, and signage industries

**HIGHLY FLEXIBLE:** Has a structural adhesive offering greater than 200% elongation

**HIGH-PERFORMANCE:** Minimizes bond-line read-through and cure shrinkage to enable the use of thinner panels

**AMPLE WORKING TIME:** Allows between 10-15 minutes for project readjustment and repositioning

**HANDLING TIME:** Offers handling strength in approximately 16-20 minutes

**CURING TIME:** Fully cured in 24 hours at a temperature of 73 °F (23 °C)

**KEY SPECIFICATIONS:** Nonflammable classification and low-odor formulation

**DIGITAL DISPENSING ASSISTANT:** Help reduce setup time using a free automation tool for time-pressure automated systems

**PRODUCT OPTIONS:** Available in bulk form or a Duo-Pak (DP)

## Typical properties

Adhesive Type: Acrylic

Brands: Scotch-Weld™

Container Size (Imperial): 1.52 fl oz, 5 gal, 16.57 fl oz

Container Size (Metric): 18.93 L, 45 mL, 490 mL

Features: Low Odor

Set Time: 10 min

Smallest Saleable Unit: Each

Volume (Imperial): 1.522 fl oz, 5 gal, 16.569 fl oz, 50 gal

Volume (Metric): 18.927 L, 45 mL, 189.271 L, 490 mL

eClass 14 Classification Group: 23330109

## **3M™ Hot Melt Adhesive 3750 AE, Clear, 1/2 in x 10 in, 25 lb, Case**

3M ID 7000046499 UPC 00051111917121

### **Details**

Aggressive hot tack rapidly achieves handling strength for packaging and other applications

Low viscosity provides high flow rate to support fast-paced production

Open time allows for positioning and fit adjustment

### **Typical properties**

Adhesive Type: Ethylene Vinyl Acetate

Application Method: Handheld Process, Spray

Brands: 3M™

Container Size (Imperial): 25 lb.

Container Size (Metric): 11.34 kg

Form: Flowable Liquid

Heat Resistance: 135 Degree Fahrenheit

Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, Military & Government, Packaging, Retail, Signage, Specialty Vehicle, Transportation, Woodworking

Maximum Operating Temperature (Fahrenheit): 135 °F

Open Time: 50 Seconds

Product Color: Transparent

Product Form: Pound

Shear Strength: 500 psi

Solids Weight Percent (Approximate): 100 %

eClass 14 Classification Group: 23330104

### **Dimensions and Classifications**

Overall Length (Imperial): 10 in

Overall Length (Metric): 0.25 m

Overall Width (Imperial): 0.45 in

Overall Width (Metric): 11.4 mm

# **Bondo® Wood Filler Ready Mix Pouches, WF-2PK-ES**

3M ID B5005529025 UPC 00076308425906

## **Details**

QUICK, DURABLE REPAIRS to restore damaged, missing, and dented wood  
READY MIX POUCHES include the original 2-part formula of filler and hardener  
SAVE TIME with guess-free, ready-mix pouches that eliminate the need to measure filler and hardener  
INTERIOR OR EXTERIOR USE on wood based trim, siding, windowsills, decks, doors, and furniture  
TWO-PART TECHNOLOGY chemically bonds to the surface for permanent repair  
CONTENTS INCLUDE 2 hardener pouches, 2 filler pouches, and a spreader  
NON-SHRINKING FORMULA is permanently durable  
PAINTABLE AND STAINABLE formula is compatible with most paints and stains  
WORKABLE for 3-4 minutes once filler and hardener are mixed together  
SANDABLE IN 30 MINUTES for same-day repairs  
TOP COAT of Bondo® Glazing and Spot Putty is recommended to fill pin holes and small imperfections for a smooth finish  
WATER RESISTANT when painted or sealed  
MIXES GOLDEN YELLOW when filler and hardener are mixed together  
FILL STAGE of 3M™ Body Repair System

## **Typical properties**

Brands: Scotch®  
eClass 14 Classification Group: 22170700

## **Scotch® Restickable Glue Stick**

3M ID CBGNHW011037 UPC 00051131591103

### **Details**

Outstanding on paper, adjustable after applying  
Great for layouts, crafts, and school projects  
No mess. Cleans easily from hands and household surfaces  
Acid free - Ph above 7.0, conforms to ASTM D-4236  
Non-toxic

### **Typical properties**

Brands: Scotch®  
Factory ISO Certification: No ISO Certification information available  
Product Color: Transparent  
Product Type: Crafting  
Sizes Available: 0.49 oz, 0.26 oz  
eClass 14 Classification Group: 23330113

## Scotch® Quick-Dry Adhesive

3M ID CBGNHW011055 UPC 00051131850453

### Details

Quick-drying adhesive  
No-run formula  
Acid free - Ph above 7.0, conforms to ASTM D-4236  
Mess-free precision tip  
Photo safe - in accordance with ISO Standard 18916

### Typical properties

Acid Free: Yes  
Brands: Scotch®  
Factory ISO Certification: No ISO Certification information available  
Net Weight (Imperial): 4 oz  
Photo Safe: Yes  
Product Type: Adhesive, Glue  
Volume (Metric): 59 mL  
eClass 14 Classification Group: 23330113

## **Scotch® Clear Glue in 2-Way Applicator**

3M ID CBGNHW011069 UPC 00051131846487

### **Details**

Two-way dispensing - better control than ordinary white glue  
Goes on clear, dries clear  
Sets in 5 minutes when applied in a thin, uniform coat  
Photo safe - in accordance with ISO Standard 18916  
Great for paper and craft projects and more  
Non-toxic

### **Typical properties**

Brands: Scotch®  
Factory ISO Certification: No ISO Certification information available  
Net Weight (Imperial): 0.95 oz, 1.6 oz  
Product Color: Transparent  
Sizes Available: .95 oz, 1.6 oz  
eClass 14 Classification Group: 23330113

# Scotch® Permanent Glue Stick

3M ID CBGNHW011142 UPC 00051131961166

## Details

Strong, fast-bonding, and no mess  
Great for paper-based, school, home and office projects  
Washable  
Non-toxic  
Acid free - Ph above 7.0, conforms to ASTM D-4236

## Typical properties

Acid Free: Yes  
Adhesive Type: Glue Stick  
Brands: Scotch®  
Factory ISO Certification: No ISO Certification information available  
Net Weight (Imperial): 0.28 oz  
Net Weight (Metric): 7.93 g, 8 g  
Product Color: Transparent  
Product Type: Crafting  
eClass 14 Classification Group: 23330113



## **6008-EDU-3 Scotch(R) Glue Sticks White - 3 pack**

3M ID 70005239754 UPC 00051141979922

### **Details**

Washable  
Bonds to paper and fabric  
Non-toxic and acid free  
3 Gluesticks Per Pack

### **Typical properties**

Brands: Scotch®  
Factory ISO Certification: No ISO Certification information available  
Product Type: Crafting  
eClass 14 Classification Group: 23330113

## **3M™ Vinyl & Leather Adhesive 18060, 1 fl oz (29.5 mL)**

3M ID 70005045672 UPC 00051141909240

### **Details**

Withstands heat and moisture  
Remains flexible and durable  
Dries clear  
Sets in 10 minutes

### **Typical properties**

Brands: Scotch®  
Factory ISO Certification: No ISO Certification information available  
eClass 14 Classification Group: 23330115

# 3M™ Hi-Strength 90 Bulk Spray Adhesive

## Details

Provides professional, industrial strength for demanding applications  
Comes with a variable-width web spray pattern  
High strength, fast, contact type adhesive  
Bonds laminate, wood, concrete, metal, plastic and more  
High temperature and moisture resistance  
This is the bulk version of the product

## Typical properties

Adhesive Type: Ethylene Vinyl Acetate  
Application: Edge Band Wood Panel Bonding, Gasket Assembly, Large Surface Lamination Assembly  
Application Method: Brush, Roll, Spray  
Assembly Type: Gasket Attachment  
Brands: 3M™  
Container Size (Imperial): 5 Gallon, 55 Gallon  
Container Size (Metric): 18.93 Liter, 208.2 Liter  
Flame Retardant: Flammable  
Form: Liquid  
Heat Resistance: 130 Degree Fahrenheit  
Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, Military & Government, Packaging, Retail, Signage, Specialty Vehicle, Transportation, Woodworking  
Open Time: 1 min - 10 min  
Product Color: Transparent  
Product Form: Bulk  
Product Type: Spray Adhesives  
Solids Weight Percent (Approximate): 23 %  
Spray Pattern: Lace  
Units per Case: 1.0  
eClass 14 Classification Group: 23330115

## Dimensions and Classifications

Overall Length (Metric): 0.07 m

# 3M™ Scotch-Weld™ Multi-Material Composite Urethane Adhesive DP6330NS

## Details

Two part urethane paste delivers outstanding strength and performance  
Non-sag formulation resists running and slumping of adhesive  
Primerless to most surfaces  
30 minute open time  
Ability to bond most composites and dissimilar substrates  
Excellent water and humidity resistance, very good chemical resistance  
Cures at room temperature but can be accelerated with heat

## Typical properties

Adhesive Type: Urethane  
Brands: Scotch-Weld™  
Container Size (Imperial): 1.64 fl oz, 5 gal, 13.52 fl oz, 55 gal  
Container Size (Metric): 18.93 L, 48.5 mL, 208.2 L, 400 mL  
Design Challenges: Impact & Shock Absorption, Noise Vibration & Harshness  
Control NVH  
Full Cure Time: 24 hr  
Industries: Automotive, Construction, Consumer Goods, Electronics, General  
Industrial, MRO, Marine, Metalworking, Signage, Specialty Vehicle,  
Transportation, Woodworking  
Performance Level: Better  
Physical Form: Liquid  
Product Form: Each, Pail  
Set Time: 30 min  
Shear Strength: 3600 psi  
Smallest Saleable Unit: Drum, Each  
Storage Temperature (Celsius): 21°C  
Storage Temperature (Fahrenheit): 73 Degree Fahrenheit  
Surface Type: Rough  
Volume (Imperial): 1.71 fl oz, 5 gal, 13.52 fl oz  
Volume (Metric): 18.9271 L, 48.5 mL, 400 mL  
Work Life: 15 min  
eClass 14 Classification Group: 23330109

# 3M™ Structural Adhesive Tape SAT1010

3M ID B40063157

## Details

- Helps prevent corrosion, including galvanic corrosion
- Bonds and isolates dissimilar materials
- Enables production speed application
- Serves as an alternative to the clinch flange adhesion and sealing method
- Simplifies current production process
- Reduces application variability

## Typical properties

- Adhesive Type: Epoxy Film Adhesive
- Maximum Cure Conditions (Celsius): 195 °C
- Maximum Cure Conditions (Fahrenheit): 383 °F
- Minimum Cure Conditions (Celsius): 165 °C
- Minimum Cure Conditions (Fahrenheit): 329 °F
- eClass 14 Classification Group: 23330301

## **3M™ Scotch-Weld™ Structural Adhesive Primer EW-5005**

### **Details**

REACH compliant\* non-chromated primer for robust bonding requirements  
Water-based formula provides reduced solvent emissions vs. solvent-based systems  
Used for primary and secondary structure metal bonding  
For use on aircraft, rotorcraft, military platforms and more  
Higher solids over solvent based primers for reduced waste  
Excellent for use with 3M™ Structural Adhesive Films  
Compatible with Sol-Gel surface treatments 3M™ Surface Pre-treatment AC-130-2

### **Typical properties**

Composition: Water Based (Non-chromated)  
Factory ISO Certification: No ISO Certification information available  
Product Type: Primer  
Surface Type: Metal  
Volume (Imperial): 1 gal  
Volume (Metric): 3.79 L  
eClass 14 Classification Group: 23330504

## **3M™ High Performance Industrial Plastic Adhesive 4693H, Light Amber, 5 oz Tube, 36 Each/Case**

3M Product Number 4693 3M ID 7000028594 UPC 00021200300882

### **Details**

High performance adhesive forms strong bonds on most plastics, polypropylene (PP), polyethylene (PE) and polyolefin blends (TPO)

Bonds well to other plastics, such as ABS, PMMA and nylons, polyesters, rigid polystyrene

Resists weathering, water and cleaning products

Provides strong, quick drying flexible bonds

4693H is best applied as beads

This product is the high viscosity version

### **Typical properties**

Application Method: Brush, Flow

Brands: 3M™

Container Size (Imperial): 5 Ounce

Container Size (Metric): 710 ml

Form: Paste

Industries: General Industrial, MRO

Open Time: Up to 60 min

Product Color: Transparent

Product Form: Tube

Smallest Saleable Unit: Each

Solids Weight Percent (Approximate): 38 % - 43 %

State Restrictions: CA, CT, DC, DE, IL, MA, MD, ME, MI, NH, NJ, NY, OH, PA, RI, VI

Units per Case: 36.0

eClass 14 Classification Group: 23330115

## **3M™ Hi-Strength 90 Cylinder Spray Adhesive**

### **Details**

Provides professional, industrial strength for demanding applications  
Comes with a variable-width web spray pattern  
High strength, fast, contact type adhesive  
Bonds laminate, wood, concrete, metal, plastic and more  
High temperature and moisture resistance  
This is the cylinder version of the product

### **Typical properties**

Brands: 3M™  
Container Size (Imperial): 28.8 lb., 141.6 lb., 283.2 lb.  
Container Size (Metric): 13.1 kg, 64.2 kg, 128.5 kg  
Flame Retardant: Flammable  
Product Color: Transparent  
Product Form: Cylinder  
Smallest Saleable Unit: Each  
Spray Pattern: Lace  
Units per Case: 1.0  
eClass 14 Classification Group: 23330115



# 3M™ Scotch-Weld™ One-Part Epoxy Adhesive 6102

## Details

One-part epoxy with long, room temperature stability  
Low temperature (65°C) cure and fast, higher temperature cure options  
Excellent chemical and impact resistance

## Typical properties

Adhesion Strength (Imperial): 32000 kPa  
Adhesive Type: One-Part Epoxy  
Bond Flexibility: Flexible  
Brands: Scotch-Weld™  
Container Size (Imperial): 1.014 fl oz (US), 19.984 fl oz (US)  
Container Size (Metric): 30 ml, 591 ml  
Cure Temperature (Celsius): 65 °C  
Cure Temperature (Fahrenheit): 149 °F  
Density: 1.28 g/mL  
Full Cure Time: 20 min @ 149 °F (65 °C)  
Glass Transition Temperature (Tg): 45 °C  
Glass Transition Temperature (Tg) (Fahrenheit): 113 °F  
Indoor/Outdoor: Both  
Industries: Electronics  
Physical Form: Liquid  
Product Color: Black  
Product Type: Epoxy Adhesive  
Shear Strength: 4641.21 psi  
Smallest Saleable Unit: Each  
Solids Weight Percent (Approximate): 100 %  
Specific Gravity: 1.28  
Storage Temperature (Celsius): -20.0 °C  
Storage Temperature (Fahrenheit): -4.0 °F  
Viscosity Range (cps) at Room Temperature: 50000  
Volume (Imperial): 1 fl oz  
Volume (Metric): 30 mL  
eClass 14 Classification Group: 23330109

## **3M™ OEM Match Air Supply Kit 33999, 10 Kits/Case**

3M ID 7100320196 UPC 00068060060068

### **Details**

Use the 3M™ OEM Match Air Supply Kit to spray seam sealers using standard pneumatic applicators and 3M™ OEM Match Sprayable Tips  
Helps technicians replicate the appearance of OEM seam sealers that were robotically applied at the factory  
Atomizing tip fits neatly onto 3M™ Mixing Nozzles and 3M™ Flex Pack Nozzles.  
“Shark bite” grip helps keep the hose attached  
The kit’s adjustment knob controls airflow and texture of sprayed material  
The hose and valve attach easily to airline using a standard air quick connect  
Kit includes reusable atomizing tips, hose, and quick-connect air coupling  
Part of the 3M™ OEM Match family of tips and sealants that can help technicians quickly match OEM seams sealer beads

### **Typical properties**

Application: OEM Replication, Spray Texture, Sprayed Beads  
Attachment Type: Push-to-fit  
Brands: 3M™  
Case Quantity: 10.0 per Case  
Industries: Automotive, Specialty Vehicle, Transportation  
Inner Packs per Case: 10 Kits per Case  
Material: Plastic  
Product Color: Black  
Product Form: Kit  
Product Type: Air Supply Kit  
Tip Style: Spray  
Units per Case: 10.0  
eClass 14 Classification Group: 21061191

### **Dimensions and Classifications**

Overall Length (Imperial): 20.87 in  
Overall Length (Metric): 53 cm

## **Scotch® Purple Glue Stick**

3M ID CBGNHW011068 UPC 00051131591073

### **Details**

Goes on purple, dries clear  
Strong, fast-bonding, and no mess  
Great for paper-based, school, home and office projects  
Washable  
Non-toxic  
Acid free - Ph above 7.0, conforms to ASTM D-4236

### **Typical properties**

Acid Free: Yes  
Brands: Scotch®  
Factory ISO Certification: No ISO Certification information available  
Net Weight (Metric): 8 g  
Product Color: Transparent  
Product Type: Crafting  
eClass 14 Classification Group: 23330113

## **Scotch® Super Glue Brush-On AD127, .17 oz**

3M ID 70005076685 UPC 00051141919546

### **Details**

Precision brush-on application

Convenient brush for spreading and controlling the super glue liquid

Bonds to fabric, cardboard, plastic, metal, wood, felt, and more

### **Typical properties**

Acid Free: Yes

Brands: Scotch®

Factory ISO Certification: No ISO Certification information available

Net Weight (Imperial): 0.178 oz

Product Type: Quick Fix

Sizes Available: 0.17 oz

eClass 14 Classification Group: 23330105

# 6108-EDU-3 Scotch(R) Glue Sticks 3 Pack Purple

3M ID 70005239762 UPC 00051141979939

## Details

Washable  
Bonds to paper and fabric  
Non-toxic and acid free  
3 Gluesticks Per Pack

## Typical properties

Brands: Scotch®  
Factory ISO Certification: No ISO Certification information available  
Product Type: Crafting  
eClass 14 Classification Group: 23330113

# **18081 3M(TM) CONCRETE ADHESIVE, 1 OZ (28 G)**

3M ID 70005045607 UPC 00051141909172

## **Details**

Water and weather resistant  
Sets in 5 minutes

## **Typical properties**

Brands: 3M™  
Factory ISO Certification: No ISO Certification information available  
eClass 14 Classification Group: 23330105

# 3M™ High Strength Large Hole Repair Kit

3M ID CBGNARUS2540 UPC 00076308495879

## Details

FLEXES AND ADHERES behind wall for professional professional  
FOR HOLES 3"-5" in diameter  
MAKES REPAIRS 5X FASTER  
REPAIR DAMAGED AREAS on walls and ceilings  
NO SHRINKING, CRACKING, OR SAGGING  
Interior/exterior (with exterior paint)  
EASY TO SAND spackling compound  
CUSTOMIZE repair plate by cutting to desired size  
Not recommended for structural joints or stress cracks

## Typical properties

Container Size (Imperial): 12 fl oz (US)  
Container Type: Kit  
Factory ISO Certification: No ISO Certification information available  
Features: Fiber Reinforced  
Product Type: Putty  
Product Use: Large Hole Repair  
Recommended Surfaces: Drywall  
eClass 14 Classification Group: 22170700

## **3M™ Brushable Seam Sealer, 08656, 1 Quart, 946 mL, 6 per case**

Part Number 08656 3M ID 7000136688 UPC 00051135086568

### **Details**

**SEALS JOINTS:** Formulated for sealing overlap joints in collision repair  
**HOLDS BRUSH MARKS:** Allows you to easily replicate OEM brushed-look seals  
**DRIES QUICKLY:** Will not flow or run, ensuring a top quality job and reduced cleanup  
**PERMANENT FLEXIBILITY:** Stays flexible after curing and is fully paintable  
**OEM-GRADE FINISH:** Recreates an authentic, like-new appearance

### **Typical properties**

Adhesive Type: Synthetic Rubber  
Application: Sealing  
Brands: 3M™  
Case Quantity: 6.0 Cans per Case  
Consistency: Paste  
Container Size (Imperial): 1 qt  
Container Size (Metric): 0.946 Liter  
Container Type: Can  
Dry Time: 15 min  
Full Cure Time: 24 Hours @ 72 F (22 C)  
Paint Time: 15 Minute  
Product Color: Gray  
Product Type: Urethane Coating  
Surface Type: Painted Surface  
Tack-free Time: 15 min  
Work Time: 10 min  
eClass 14 Classification Group: 23330106



## **3M™ Dry Layup Adhesive 1.0**

### **Details**

Fast tacking

High coverage and long working time

Sprayable, high-tack and fast-drying synthetic elastomer adhesive

Used for bonding/holding glass fabrics and roving , other reinforcements, and other materials (e.g., flow media) in place during the infusion process

Particle spray pattern and color provide a visual check of spray level for more consistent application

Die-cut, pre-masked parts and simple dispensing help reduce production costs

OEM-approved PVC film used to provide blackout appearance around automotive side glass

### **Typical properties**

Container Size (Imperial): 1 lb., 5 Gallon, 29.3 lb., 53 Gallon

Container Size (Metric): 13.3 kg, 18.93 Liter, 200.6 Liter, 467 g

Form: Aerosol, Liquid

Product Color: Red

Product Form: Aerosol, Can

Surface Type: Fiberglass

eClass 14 Classification Group: 23330115

## **3M™ Structural Adhesive**

3M ID B40066488

### **Details**

Designed to repair trim, fiberglass and many other composites for flexible body parts  
Urethane formula holds firmly to fiberglass, plastic and a wide variety of metals  
Cures rapidly at room temperature  
Packaged in easily-distinguished base and accelerator tubes for mixing without special applicators

### **Typical properties**

Application: Attaching, Bonding  
eClass 14 Classification Group: 23330109

# **Bondo® Professional Glazing and Spot Putty**

3M ID B40067523

## **Details**

VERSATILE FORMULA ideal for covering minor scratches, rock chips, road rash, pinholes, holes, and nicks

CAN BE USED ON metal, fiberglass and wood as well as sanded and primed or painted surfaces

NON-SHRINKING formula ensures lasting repairs without rework

DISPENSES EASILY and efficiently right from the tube

SINGLE COMPONENT professional formula

FAST DRYING FORMULA is sandable in 20 minutes for same day repairs

SANDS EASILY for blending repair areas

WORKABLE for 3 minutes

FILL STAGE of 3M™ Body Repair System

## **Typical properties**

Brands: Bondo®

eClass 14 Classification Group: 22170700

## **Bondo® Wood Filler**

3M ID B40069621 UPC 00076308200824

### **Details**

QUICK, DURABLE REPAIRS to restore damaged, missing and dented wood  
INTERIOR OR EXTERIOR use  
USE ON MOST wood-based trim, siding, window sills, decks, doors, and  
furniture  
NON-SHRINKING formula fills holes and won't create gaps or divets after drying,  
no separation  
WATER RESISTANT  
TWO-PART FORMULA chemically bonds with surface to adhere permanently  
FAST-CURING FORMULA is sandable in as little as 15 minutes for same-day  
repairs  
PAINTABLE AND STAINABLE formula is compatible with most paints and stains  
USE WITH Bondo® Rotted Wood Restorer to fully repair rotted or soft wood  
BONDO® BLUE CREAM Hardener included  
MIXES GOLDEN YELLOW when filler and hardener are mixed together  
WORKABLE for 3-4 minutes once filler and hardener are mixed together  
TOP COAT of Bondo® Glazing and Spot Putty is recommended to fill pin holes  
and small imperfections for a smooth finish  
FILL STAGE of 3M™ Body Repair System

### **Typical properties**

Brands: Bondo®  
Container Size (Imperial): 1 Quart, 1 Pint  
Container Size (Metric): 473.176 ml, 946.353 ml  
eClass 14 Classification Group: 22170700

## **3M™ Sealant 730 UV, Clear, 305 mL Cartridge, 12/Case**

3M Product Number 730 UV 3M ID 7100003045 UPC 00051111080269

### **Details**

High performance sealing  
Excellent UV resistance  
Permanently elastic to allow joint movement  
40-60 minute skin time, paintable immediately  
Clear Silane Modified Polymer (SMP) adhesive sealant  
Low VOC  
Gap filling capabilities  
Single component, moisture-curing sealant offers a simplified production

### **Typical properties**

Adhesive Type: Silane Modified Polymer  
Application Method: Hand or pressure caulk  
Brands: 3M™  
Container Size (Metric): 305 ml  
Full Cure Time: >3.5 mm/24 hr  
Hardness: 30 Shore A  
Industries: Construction, General Industrial, Transportation  
Modulus at 100%: >80 Pound-Force Per Square Inch  
Physical Form: Medium paste  
Product Color: Transparent  
Product Form: Cartridge  
Solids Weight Percent (Approximate): 98 %  
Surface Type: Metal  
Tack-free Time: 20 min  
Tensile Strength (Imperial): 250 psi  
Units per Case: 12.0  
eClass 14 Classification Group: 23330106

## **3M™ Scotch-Weld™ Anaerobic Activator AC649, Green, 8 fl oz Bottle, 4/case**

3M Product Number AC649 3M ID 7010367620 UPC 00048011627090

### **Details**

One-part surface activator for use with anaerobic adhesives  
Promotes adhesion and cure of 3M™ Scotch-Weld™ Threadlocker, Pipe Sealant, Retaining Compound and Gasket Maker  
Ideal for inactive or very cold surfaces  
Accelerates both fixture and cure times significantly  
Aids in the successful bonding of parts with larger bond gaps  
Can be pre-applied up to 30 days in advance

### **Typical properties**

Brands: Scotch-Weld™  
Industries: Construction, Consumer Goods, Electronics, General Industrial, MRO, Medical, Metalworking, Specialty Vehicle, Transportation  
Product Color: Green  
Product Form: Bottle  
Storage Temperature (Celsius): 22°C  
Storage Temperature (Fahrenheit): 72 Degree Fahrenheit  
Viscosity: Self-leveling  
Volume (Imperial): 8 fl oz  
Volume (Metric): 236.59 mL  
eClass 14 Classification Group: 23330504

# 3M™ Scotch-Weld™ Epoxy Adhesive 1751, Gray, Part B/A, 1.66 Gallon, 2 Kit/Case

3M Product Number 1751 3M ID 7000046339 UPC 00021200201059

## Details

Formulated to provide excellent adhesion to metals  
Excellent void-filling properties  
Ideal for repairing holes, dents and cracks in metal  
Both sandable and machinable  
Extended work life for troweling and spackling

## Typical properties

Adhesive Type: Epoxy  
Application: Bonding  
Brands: Scotch-Weld™  
Container Size (Imperial): 1 gal  
Container Size (Metric): 3.78 L  
Hardness: 75 - 80 Shore D  
Industries: Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Open Time: 45 min @ 72 °F (22 °C)  
Physical Form: Paste  
Product Form: Kit  
Set Time: 10 hr  
Shear Strength: 2000 psi  
Specific Gravity: 1.13  
Storage Temperature (Celsius): 22°C  
Storage Temperature (Fahrenheit): 72 Degree Fahrenheit  
Surface Type: Unpainted  
Units per Case: 2.0  
Volume (Imperial): 1 gal  
Volume (Metric): 3.8 L  
eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Epoxy Adhesive DP420NS

## Details

High peel and shear strength maintains lasting bond at high and low temperatures

Toughened for impact and fatigue resistance

20 minute work life provides time for positioning and adjustment

Non-sag formulation ensures adhesive stays where applied

Try the new 3M™ Scotch-Weld™ Digital Dispensing Assistant and experience shorter machine setup time with a free new automation tool for time-pressure systems

## Typical properties

Adhesive Type: Epoxy

Application: Bonding, Encapsulating, Potting, Sealing

Brands: Scotch-Weld™

Container Size (Imperial): 1.69 fl oz, 5 gal, 6.76 fl oz, 13.52 fl oz, 55 gal

Container Size (Metric): 18.93 L, 50 mL, 200 mL, 208.2 L, 400 mL

Design Challenges: Impact & Shock Absorption, Noise Vibration & Harshness Control NVH

Features: Low Odor

Hardness: 75 - 80 Shore D

Industries: Automotive, Construction, Consumer Goods, Electronics, General Industrial, MRO, Metalworking, Military, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking

Mix Ratio Volume Base:Accelerator: 2:1

Open Time: 20 min @ 72 °F (22 °C)

Performance Level: Best

Physical Form: Flowable Liquid, Paste

Product Form: Cartridge, Each

Set Time: 2 hr, 20 min

Shear Strength: 4500 psi

Smallest Saleable Unit: Each

Specific Gravity: 1.1,1.15,1.13

Specifications Met: UL 94 HB

Storage Temperature (Celsius): 22°C,16°C - 27°C

Storage Temperature (Fahrenheit): 60 °F - 80 °F,72 Degree Fahrenheit

Surface Type: Painted, Powder Coated, Smooth, Unpainted

Units per Case: 1.0,12.0,6.0

Volume (Imperial): 1.69 fl oz, 5 gal, 6.8 fl oz, 13.52 fl oz, 43 gal

Volume (Metric): 18.9 L, 50 mL, 162.8 L, 200 mL, 400 mL

Work Life: 15 min - 30 min

eClass 14 Classification Group: 23330109



## **3M™ High Performance Industrial Plastic Adhesive 4693**

### **Details**

High performance adhesive forms strong bonds on most plastics, polypropylene (PP), polyethylene (PE) and polyolefin blends (TPO)  
Bonds well to other plastics, such as ABS, PMMA and nylons, polyesters, rigid polystyrene  
Resists weathering, water and cleaning products  
Provides strong, quick drying flexible bonds  
4693 is best applied with a brush, while 4693H is best applied as beads

### **Typical properties**

Adhesive Type: Pressure-sensitive  
Application Method: Brush, Spray  
Application Temperature From (Celsius): -20 °C  
Application Temperature To (Celsius): 80 °C  
Brands: 3M™  
Container Size (Imperial): 1 Gallon, 1 Quart, 5 Gallon, 55 Gallon  
Container Size (Metric): 1 Liter, 3.8 Liter, 18.93 Liter, 208.2 Liter  
Form: Liquid  
Industries: General Industrial, MRO  
Open Time: Up to 60 min  
Product Color: Amber, Light Amber  
Product Form: Bulk, Gallon  
Product Type: Adhesive  
Smallest Saleable Unit: Canister  
Solids Weight Percent (Approximate): 24 % - 28 %  
State Restrictions: CA, CT, DC, DE, IL, MA, MD, ME, MI, NH, NJ, NY, OH, PA, RI, VI  
Surface Type: Plastic  
Units per Case: 1.0,12.0,4.0  
eClass 14 Classification Group: 23330115

# 3M™ Scotch-Weld™ Stainless Steel High Temperature Pipe Sealant PS67

## Details

Cures quickly to seal hydraulic and pneumatic pipes and fittings  
Prevents leaks and corrosion in pipes by strengthening bonds between pipe threads  
Works on inactive surfaces, such as stainless steel, zinc and plated parts  
Features high temperature resistance to 400°F (204°C)  
Formulated for easy disassembly  
Designed to resist pressure and vibration, providing long-term durability

## Typical properties

Adhesive Type: Anaerobic  
Brands: Scotch-Weld™  
Container Size (Imperial): 1.69 fl oz (US), 8.5 fl oz (US)  
Container Size (Metric): 50 ml, 250 ml  
Flashpoint:  $\geq 212$  Degree Fahrenheit  
For Use With: Most High Pressure Hydraulic & Pneumatic Fittings  
Full Cure Time: 24 Hours @ 72 F (22 C)  
Industries: Construction, Consumer Goods, Electronics, General Industrial, MRO, Medical, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Maximum Operating Temperature (Celsius): 204 °C  
Maximum Operating Temperature (Fahrenheit): 400 °F  
Physical Form: Paste  
Product Color: White  
Product Form: Tube  
Set Time: 15 min - 30 min  
Storage Temperature (Celsius): 22°C  
Storage Temperature (Fahrenheit): 72 F (22 C)  
Units per Case: 2.0,10.0  
Viscosity: Non-sag  
Viscosity Range (cps) at Room Temperature: 350,000-900,000  
eClass 14 Classification Group: 23072302

# **3M™ Shipping-Mate™ Case Sealing Adhesive, Clear, 24 fl oz Can (Net Wt 17.3 oz), 12/Case, NOT FOR SALE IN CA AND OTHER STATES**

3M ID 7000143197 UPC 00021200300240

## **Details**

Fast-tack adhesive provides strong, carton-tearing strength in 5 minutes  
Offers low soak-in for uniform coverage  
Features heat and moisture resistance for long-lasting durability  
Adhesive permanently seals closure flaps to protect corrugated shipping containers

## **Typical properties**

Application Method: Spray  
Brands: Shipping-Mate™  
Container Size (Imperial): 24 fl oz (US)  
Container Size (Metric): 710 ml  
Flame Retardant: Flammable  
Form: Aerosol  
Industries: General Industrial, Packaging  
Product Color: Transparent  
Solids Weight Percent (Approximate): 14.1 %  
Units per Case: 12.0  
eClass 14 Classification Group: 23330115

## **3M™ Scotch-Weld™ Low Odor Instant Adhesive LO1000, Clear, 20 Gram Bottle, 10/case**

3M Product Number LO1000 3M ID 7100039269 UPC 00051111916643

### **Details**

Low odor for improved worker comfort  
Low blooming for cosmetically critical applications  
Bonds to a number of substrates, including plastics and rubbers  
Precise application: pinch container for a precise drop or squeeze for a steady bead  
Medium viscosity adhesive is easily applied from the bottle  
Strong, durable and long lasting bond on a variety of substrates  
Fast curing to keep projects moving quickly

### **Typical properties**

Adhesive Type: Instant Adhesive  
Brands: Scotch-Weld™  
Container Size (Imperial): 0.7 Ounce  
Container Size (Metric): 20 g  
Design Challenges: Impact & Shock Absorption  
Features: Low Odor  
For Use On: Plastic (Polyolefins and Thermoplastic Elastomers), Flexible Foam (Latex, Urethane), Plastic (High Performance Nylon), Fabric, Felt, Cork & Fibrous Glass, Metal, Paper & Cardboard, Rubber (Except EPDM), EPDM Rubber, Rigid Foam (Urethane), Rigid Foam (Beadboard Styrene), High Surface Energy, (400-1100 Dynes/cm), Plastic (ABS, PVC, Acrylic), Plastic (Flexible Vinyl), Smooth  
Full Cure Time: 24 Hours @ 72 F (22 C)  
Gap Fill (Imperial): 0.008 in  
Gap Fill (Metric): 0.203 mm  
Indoor/Outdoor: Both  
Industries: Construction, Consumer Goods, Electronics, General Industrial, MRO, Medical, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Maximum Operating Temperature (Celsius): 82 °C  
Maximum Operating Temperature (Fahrenheit): 180 °F  
Net Weight (Imperial): 0.71 oz  
Net Weight (Metric): 20 g  
Physical Form: Liquid  
Product Color: Transparent  
Product Form: Bottle  
Product Type: Instant Adhesive  
Set Time: 20-70 Seconds  
Shear Strength: 2200 psi  
Storage Temperature (Celsius): 4 °C  
Storage Temperature (Fahrenheit): 40 F (4.5 C)  
Units per Case: 10.0  
Viscosity: Self-leveling  
Viscosity Range (cps) at Room Temperature: 900-1200  
Work Time: <30 Seconds

## **3M™ Flowable Finishing Glaze**

3M ID B40067428

### **Details**

Two-component, self-leveling glaze repairs surface imperfections  
Stain-resistant formula is compatible with basecoat and clearcoat systems  
Versatile formula works well on galvanized steel, aluminum and other materials  
Glaze cures tack-free in 30 minutes  
Vacuum processed to limit pinholes from occurring

### **Typical properties**

eClass 14 Classification Group: 22170700

# Dynatron™ Dyna-Glass Short Strand

## Details

Fiberglass reinforced filler creates strong and durable repairs  
Easy to spread formula goes on easily  
Filler creates waterproof repairs  
Great for repairing fiberglass and rust holes in metal  
Significantly stronger than regular fillers

## Typical properties

Application: Dent Fill, Rust Out Repair  
Case Quantity: 4.0 Cans per Case, 12.0 Cans per Case  
Consistency: Paste  
Container Size (Imperial): 1 Gallon, 1 Quart  
Container Size (Metric): 3.785 Liter, 946.353 ml  
Container Type: Can  
Container Volume: 40.0 Ounce, 172.0 Ounce  
Dry Time: 20 min  
Handling Time: 3 - 5 min  
Material: Polyester Resin  
Paint Time: 45 Minute  
Performance Level: Good  
Product Color: Green  
Product Type: Glass Reinforced Filler  
Sand Time: 20 Minute  
Volume (Imperial): 25.6 fl oz, 102 fl oz  
Volume (Metric): 3 L, 757 mL  
Work Time: 4 min  
eClass 14 Classification Group: 22170700

# 3M™ Scotch-Weld™ Instant Adhesive CA40

## Details

Bonds to difficult to bond, including flexible vinyl and EPDM rubber  
High strength and impact resistance  
Reaches handling strength in under 20 seconds  
Low viscosity adhesive is easily applied from the bottle  
Strong, durable and long lasting bond on a variety of substrates

## Typical properties

Adhesive Type: Instant Adhesive  
Brands: Scotch-Weld™  
Container Size (Imperial): 1 fl oz (US), 1 lb.  
Container Size (Metric): 0.45 kg, 29.57 ml  
Design Challenges: Impact & Shock Absorption  
For Use On: Glass & Ceramics, Wood, Plastic (Polyolefins and Thermoplastic Elastomers), Plastic (High Performance Nylon), Fabric, Felt, Cork & Fibrous Glass, Flexible Foam (Latex, Urethane), Leather, Metal, Paper & Cardboard, Rubber (Except EPDM), EPDM Rubber, Rigid Foam (Urethane), Rigid Foam (Beadboard Styrene), High Surface Energy, (400-1100 Dynes/cm), Plastic (Flexible Vinyl), Plastic (ABS, PVC, Acrylic), Smooth  
Full Cure Time: 24 Hours @ 72 F (22 C)  
Indoor/Outdoor: Both  
Industries: Construction, Consumer Goods, Electronics, General Industrial, MRO, Medical, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Maximum Operating Temperature (Celsius): 82 °C  
Maximum Operating Temperature (Fahrenheit): 180 °F  
Net Weight (Imperial): 1 oz, 1 lb  
Physical Form: Liquid  
Product Color: Transparent  
Product Form: Bottle  
Product Type: Instant Adhesive  
Set Time: 3 to 20 Second  
Shear Strength: 1700 psi  
Specific Gravity: 8.7 Pound Per Gallon (US)  
Storage Temperature (Celsius): 22°C  
Storage Temperature (Fahrenheit): 72 Degree Fahrenheit  
Units per Case: 1.0, 12.0  
Viscosity: Self-leveling  
Volume (Imperial): 1 fl oz  
Work Time: 5-40 Seconds  
eClass 14 Classification Group: 23330105

## **3M™ Plastic Adhesive 2262**

### **Details**

High performance adhesive forms strong bonds on most vinyls and plastics  
Resists weathering, water, plasticizer migration and fuels  
Non-yellowing formula for outdoor use  
Provides strong, quick drying flexible bonds  
Proven to not stain flexible vinyls

### **Typical properties**

Application Method: Brush, Flow  
Brands: 3M™  
Container Size (Imperial): 1 Quart, 5 Gallon  
Container Size (Metric): 1 Liter, 20 Liter  
Form: Liquid  
Heat Resistance: <230 Degree Fahrenheit  
Industries: General Industrial, Retail, Signage  
Open Time: Up to 20 min  
Product Color: Transparent  
Product Form: Bulk  
Solids Weight Percent (Approximate): 25 %  
Surface Type: Plastic  
Units per Case: 1.0,12.0  
eClass 14 Classification Group: 23330115



## **3M™ Flexible Bumper Patch Kit, 05888, Black, 4 in x 8 in, 1 per case**

3M ID 7000045602 UPC 00051131058880

### **Details**

Reinforces the backside of bumpers needing repair  
No sanding needed for application and adhesion  
No cure time delay to proceed to front side repair  
Effective on many plastics where a reinforcement is needed  
Clean appearance for a good backside cosmetic finish  
Includes 6 flexible patches and 6 adhesion promoter packets

### **Typical properties**

Adhesive Type: Acrylic  
Application: Plastic Repair, Repairing Surface Defects  
Brands: 3M™  
Case Quantity: 6.0 Cartons per Case  
Consistency: Tape  
Container Type: Box  
Product Color: Black  
Product Type: Flexible Plastic Patch Kit  
eClass 14 Classification Group: 23330000

### **Dimensions and Classifications**

Overall Length (Imperial): 8 in  
Overall Length (Metric): 203 mm  
Overall Width (Imperial): 4 in  
Overall Width (Metric): 101.6 mm

## **3M™ Detector Loop Sealant 5000, 65749, 1 Litre, 12 per case**

3M ID 7000056794 UPC 00051138657499

### **Details**

Ready to use, with no measuring, mixing or heating required  
Sealant does not shrink, eliminating call-backs for refilling  
Cures to a smooth surface – no finishing required  
Sealant remains temperature stable, so it won't degrade or fracture over time  
Compatible with concrete or asphalt, fresh or aged, wet or dry for consistent low maintenance results  
Encapsulates, insulates and protects detector loop wires from harsh roadway environments

### **Typical properties**

Adhesive Type: Polyurethane  
Brands: 3M™  
Container Size (Metric): 1 Liter  
Full Cure Time: 1 - 3 Days  
Product Color: Black  
Surface Type: Painted Surface  
Tack-free Time: 3 hr  
eClass 14 Classification Group: 23330106

# **3M™ Replacement Applicator Plunger**

3M ID B40068820

## **Details**

Applicator plunger is an approved 3M replacement part  
Component maintains original performance standards  
Replacement piece extends service life of applicator gun  
Designed for use within 3M applicator systems

# **Dynatron™ White Cream Hardener**

3M ID B40067610

## **Details**

Easy mixing produces a quality hardener and filler blend

3M™ Dynatron™ Cream Hardener is designed for use with 3M™ 2-part body filler & glazes

When used with 3M™ Dynatron™ and Bondo™ it provides the best performance possible

## **Typical properties**

eClass 14 Classification Group: 22170700

# 3M™ Ultrapro™ Autobody Sealant, 08302, Clear, 5 oz Tube, 6 per case

3M ID 7000120449 UPC 00051135083024

## Details

**FAST PERFORMANCE:** Quick-skinning, fast-curing, and rapid-drying sealant for high-speed application

**LASTING ELASTICITY:** Sealant remains flexible over time to prevent cracking

**HIGH SOLID ADHESIVE:** Provides low shrinkage for reliable results

**STANDARD CARTRIDGE:** Common, easy-to-use cartridge system

**MANY APPLICATIONS:** Including door skins, rocker panels, rear body panels, trunk seams, and floor pans

## Typical properties

Adhesive Type: Synthetic Rubber

Application: Restoring, Sealing

Brands: 3M™

Case Quantity: 6.0 Cartons per Case

Consistency: Paste

Container Size (Imperial): 5 fl oz (US)

Container Size (Metric): 147 ml

Container Type: Tube

Full Cure Time: 1/8 in per 24 Hours

Paint Time: 45 Minute

Product Color: Transparent

Shelf Life in Months (From Date of Manufacture): 24

Surface Type: Painted Surface

Tack-free Time: 10 min

Work Time: 5 - 10 min (varies with heat, humidity)

eClass 14 Classification Group: 23330106

# 3M™ Fastbond™ Spray Activator 1

## Details

Water dispersed formula is GREENGUARD™ certified, low VOC and LEED® compliant  
High solids to maximize product efficiency  
High coverage with mist, spray application  
Convenient, portable and easy to use delivery system  
Very efficient speed of application and reduction of overspray

## Typical properties

Adhesive Type: Ethylene Vinyl Acetate  
Application Method: Co-Spray  
Brands: 3M™  
Composition: Water Borne  
Environmental Considerations: California Air Resources Board, GREENGUARD® Certified, Helps contribute to LEED® credits, Low VOC, Ozone Transport Commission, SCAQMD  
Flame Retardant: Non-flammable  
Heat Resistance: 140 Degree Fahrenheit, 220 Degree Fahrenheit  
Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, Military & Government, Packaging, Retail, Signage, Specialty Vehicle, Transportation, Woodworking  
Product Color: Transparent  
Product Form: Bottle, Pail  
Product Type: Activator  
Smallest Saleable Unit: Each  
Units per Case: 1.0,2.0,6.0  
Volume (Imperial): 1 qt, 30 gal, 33.814 fl oz  
Volume (Metric): 0.95 L, 1 L, 113.56 L  
eClass 14 Classification Group: 23330504

## **3M™ Marine Adhesive Sealant 4000 UV**

### **Details**

**MULTI-PURPOSE MARINE SEALANT:** This medium-strength marine sealant bonds portholes, deck fittings, rub rails, screw holes, and stanchion supports while still allowing disassembly

**EXCELLENT UV RESISTANCE:** A distinct ability to withstand the sun's rays allows it to excel in challenging outdoor industrial, transportation, and construction environments

**COLOR STABLE:** Maintains its color in applications above and below the water line

**FLEXIBLE BONDS:** Durable elastomeric adhesion maintains joint movement and withstands stress caused by shock, vibration, swelling and shrinking

**PAINTABLE WHEN WET:** Forms a skin in 30-60 minutes but can be painted over with water-based paints immediately after application

### **Typical properties**

Adhesive Type: Silane Modified Polymer

Application Method: Hand or pressure caulk

Brands: 3M™

Container Size (Imperial): 0.1 Gal. (US), 3 fl oz (US), 50 Gal. (US)

Container Size (Metric): 400 ml, 600 ml

Full Cure Time: >3.5 mm/24 hr

Hardness: 40 Shore A

Industries: General Industrial, Marine, Transportation

Modulus at 100%: >250 Pound-Force Per Square Inch

Physical Form: Medium paste

Product Color: Black, White

Product Form: Cartridge, Each, Gallon, Pack, Tube

Solids Weight Percent (Approximate): 98 %

Surface Type: Metal, Painted Surface

Tack-free Time: 20 min

Tensile Strength (Imperial): 500 psi

Units per Case: 1.0,12.0,6.0

eClass 14 Classification Group: 23330106

## **3M™ Scotch-Weld™ Acrylic Adhesive Accelerator A3-1**

### **Details**

Accelerator designed to cure with select acrylic adhesives: DP8405NS, DP8410NS, DP8425NS  
Provides fast strength build-up when used in a 10:1 B/A mix ratio  
Formulated to produce tough, impact-resistant bonds for durability  
Engineered to create reliable, non-sag adhesive for accurate application

### **Typical properties**

Adhesive Type: Acrylic  
Brands: Scotch-Weld™  
Industries: Aerospace, Appliance, Automotive, Construction, Consumer Goods, Electronics, General Industrial, MRO, Metalworking, Signage, Specialty Vehicle, Transportation  
Physical Form: Flowable Liquid  
Product Color: Green  
Product Form: Gallon  
Product Type: Accelerator  
Storage Temperature (Celsius): 22°C  
Storage Temperature (Fahrenheit): 72 Degree Fahrenheit  
Units per Case: 1.0  
Viscosity: Non-sag  
Volume (Imperial): 1 gal, 5 gal  
Volume (Metric): 3.79 L, 18.93 L  
eClass 14 Classification Group: 23330504



# 3M™ Scotch-Weld™ Epoxy Adhesive 1469

## Details

Excellent retention of strength after aging in typical environments  
Exceptionally high strength properties at service temperatures from -70°F to 300°F (-57°C to 149°C)  
Easy application by knife coating, trowel, roller coating, pump and high pressure injection methods  
Wide process window for curing: 300°F-450°F (150°C-232°C)

## Typical properties

Adhesive Type: Epoxy  
Brands: Scotch-Weld™  
Container Size (Imperial): 1 Quart, 5 Gallon  
Container Size (Metric): 0.95 Liter, 18.93 Liter  
Flame Retardant: UL94 HB  
Full Cure Time: 2 Hours @ 350 F (177 C)  
Indoor/Outdoor: Both  
Industries: Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Maximum Operating Temperature (Celsius): 149 °C  
Maximum Operating Temperature (Fahrenheit): 300 none  
Physical Form: Flowable Liquid  
Product Color: Cream  
Product Form: Gallon, Quart  
Product Type: Epoxy Adhesive  
Specific Gravity: 1.2  
Storage Temperature (Celsius): 4.0 °C  
Storage Temperature (Fahrenheit): 40.0 °F  
Units per Case: 1.0,12.0  
Viscosity: Self-leveling  
Viscosity Range (cps) at Room Temperature: 40000 - 80000  
Volume (Imperial): 1 qt, 5 gal  
Volume (Metric): 950 mL  
eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Epoxy Adhesive DP420LH

## Details

High peel and shear strength maintains lasting bond at high and low temperatures

Toughened for impact and fatigue resistance

Low Halogen

Try the new 3M™ Scotch-Weld™ Digital Dispensing Assistant and experience shorter machine setup time with a free new automation tool for time-pressure systems

## Typical properties

Adhesion Strength (Imperial): 1120 oz/in

Adhesive Type: Epoxy

Application: Bonding, Impact Resistance, Potting

Bond Flexibility: Rigid

Brands: Scotch-Weld™

Consistency: Liquid

Container Size (Imperial): 1.69 fl oz, 5 gal, 6.76 fl oz, 13.52 fl oz

Container Size (Metric): 18.93 L, 50 mL, 200 mL, 400 mL

Container Type: Cartridge, Pail

Cure Temperature: Room Temperature

Cure Time: 24 hr

Hardness: 75 - 80 Shore D

Industries: Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking

Mix Ratio Volume Base:Accelerator: 2:1

Open Time: 20 min @ 72 °F (22 °C)

Physical Form: Flowable Liquid

Product Form: Each, Pail

Set Time: 2 hr

Shear Strength: 4500 psi

Specific Gravity: 1.05 - 1.15,1.13

Storage Temperature (Celsius): 22°C

Storage Temperature (Fahrenheit): 72 Degree Fahrenheit

Surface Type: Painted, Powder Coated, Smooth, Unpainted

Units per Case: 1.0,12.0,6.0

Volume (Imperial): 1.69 fl oz, 5 gal, 6.76 fl oz, 13.52 fl oz

Volume (Metric): 18.93 L, 50 mL, 200 mL, 400 mL

Work Life: 20 min

eClass 14 Classification Group: 23330109

# 3M™ Sprayable Hot Melt Adhesive 6111HT

## Details

Sprayable, 100% solids adhesive without volatiles  
Offers excellent adhesion to polypropylene and other low surface energy (LSE) plastics  
Extended open time allows for large surface assembly  
Features high temperature resistance  
Compatible with heat sensitive surfaces  
Bonds wide variety of substrates, including most foams, plastics, particle board, light gauge metals

## Typical properties

Adhesive Type: Polypropylene  
Application: Large Surface Lamination Assembly  
Application Method: Bulk Process, Handheld Process  
Assembly Type: Large Surface Lamination  
Brands: 3M™  
Container Size (Imperial): 22 lb., 850 lb.  
Container Size (Metric): 10 kg, 385.55 kg  
Form: Flowable Liquid  
Heat Resistance: 175 Degree Fahrenheit  
Heat Resistance (Celsius): 63 °C, 79.4°C  
Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, Marine, Military & Government, Packaging, Retail, Signage, Specialty Vehicle, Transportation, Woodworking  
Maximum Operating Temperature (Fahrenheit): 175 °F  
Open Time: 60 Second  
Product Color: Blue, Tan  
Product Form: Pound, Stick  
Smallest Saleable Unit: Case  
Solids Weight Percent (Approximate): 100 %  
Surface Type: Aluminum, Fabric, Foam  
eClass 14 Classification Group: 23330104

## Dimensions and Classifications

Overall Length (Imperial): 0.75 in, 0.76 in  
Overall Length (Metric): 19 m, 20 mm  
Overall Width (Imperial): 0.75 in  
Overall Width (Metric): 19 mm

# 3M™ Scotch-Weld™ Low Odor Acrylic Adhesive DP8810NS

## Details

10 minute work life with 21 minutes to structural strength  
Low odor and non-flammable properties for a safer working environment compared to typical acrylic adhesives  
Durable bond with excellent shear, peel and high impact strength  
Bonds difficult surfaces such as powder coats and most plastics  
12-month room temperature shelf life simplifies inventory management  
Features spacer beads to control bond line thickness

## Typical properties

Adhesive Type: Acrylic  
Application: Impact Resistance  
Brands: Scotch-Weld™  
Container Size (Imperial): 1.52 fl oz, 5 gal, 16.57 fl oz, 55 gal  
Container Size (Metric): 18.93 L, 45 mL, 208.2 L, 490 mL  
Design Challenges: Impact & Shock Absorption, Noise Vibration & Harshness Control NVH  
Industries: Aerospace, Appliance, Automotive, Construction, Consumer Goods, Electronics, General Industrial, MRO, Marine, Metalworking, Military, Signage, Specialty Vehicle, Transportation, Woodworking  
Open Time: 10 min @ 72 °F (22 °C)  
Performance Level: Best  
Physical Form: Flowable Liquid  
Product Form: Cartridge, Each  
Set Time: 20 min  
Shear Strength: 3600 psi  
Smallest Saleable Unit: Drum, Each  
Storage Temperature (Celsius): 22°C  
Storage Temperature (Fahrenheit): 72 Degree Fahrenheit  
Surface Type: Oily, Smooth  
Units per Case: 12.0,6.0  
Volume (Imperial): 1.58 fl oz, 16.6 fl oz  
Volume (Metric): 45 mL, 490 mL  
Work Life: 8 - 12 min  
eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Plastic & Rubber Instant Adhesive PR1500

## Details

Bonds to a number of substrates, including plastics and rubbers  
Precise application: pinch container for a precise drop or squeeze for a steady bead  
Medium viscosity adhesive is easily applied from the bottle  
Strong, durable and long lasting bond on a variety of substrates  
Fast curing to keep projects moving quickly

## Typical properties

Adhesive Type: Instant Adhesive  
Brands: Scotch-Weld™  
Container Size (Imperial): 0.7 Ounce, 17.64 Ounce  
Container Size (Metric): 20 g, 500 g  
Design Challenges: Impact & Shock Absorption  
For Use On: Glass & Ceramics, Nylon, Elastomer, Glass, Silicone Gasket, Metal, Paint, Stone, Rubber (Except EPDM), Metal (Painted), EPDM Rubber, Plastic: HSE, MSE (ABS, Acrylic, Polycarbonate, Nylon), Plastic: LSE (Polypropylene, Polyethylene), High Surface Energy, (400-1100 Dynes/cm), Plastic (Flexible Vinyl), Neoprene, Metal (Unpainted), Smooth, Ceramic, Paint (Powder Coat, Painted Metal, Composite Panel), Rubber  
Full Cure Time: 24 Hours @ 72 F (22 C)  
Gap Fill (Imperial): 0.008 in  
Gap Fill (Metric): 0.203 mm  
Indoor/Outdoor: Both  
Industries: Construction, Consumer Goods, Electronics, General Industrial, MRO, Medical, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Maximum Operating Temperature (Celsius): 82 °C  
Maximum Operating Temperature (Fahrenheit): 180 °F  
Net Weight (Imperial): 1 lb  
Net Weight (Metric): 453 g  
Physical Form: Liquid  
Product Color: Transparent  
Product Form: Tube  
Product Type: Instant Adhesive  
Set Time: 20 to 100 Second  
Shear Strength: 2100 psi  
Storage Temperature (Celsius): 4 °C  
Storage Temperature (Fahrenheit): 40 Degree Fahrenheit  
Units per Case: 1.0, 10.0  
Viscosity: Self-leveling  
Viscosity Range (cps) at Room Temperature: 1,275-1,650  
Volume (Imperial): 0.71 fl oz  
Volume (Metric): 20 mL  
Work Time: <45 Seconds  
eClass 14 Classification Group: 23330105

## **3M™ Scotch-Weld™ Threadlocker TL43**

### **Details**

Prevents nuts and bolts from loosening with vibration  
Fills and seals threads completely to help stop corrosion, rust and leaks  
Eliminates the need for lock washers and other locking components  
Blue, medium removal torque  
Long open time anaerobic adhesives that cure quickly  
Helps keep production equipment up and running

### **Typical properties**

Adhesive Type: Anaerobic  
Brands: Scotch-Weld™  
Breakaway Torque Strength: 110 to 220 Pound  
Container Size (Imperial): 0.33 fl oz (US), 1.69 fl oz (US), 8.45 fl oz (US)  
Container Size (Metric): 10 ml, 50 ml, 250 ml  
Flashpoint:  $\geq 212$  Degree Fahrenheit  
Full Cure Time: 24 Hours @ 72 F (22 C)  
Industries: Appliance, Construction, General Industrial, MRO, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Maximum Operating Temperature (Celsius): 149 °C  
Maximum Operating Temperature (Fahrenheit): 300 °F  
Physical Form: Liquid  
Prevailing Torque Strength: 40 to 130 Pound  
Product Color: Blue  
Product Form: Bottle  
Removability: Removable with hand tools  
Set Time: <20 min  
Storage Temperature (Celsius): 22°C  
Storage Temperature (Fahrenheit): 72 F (22 C)  
Units per Case: 2.0,10.0  
Viscosity: Self-leveling  
Viscosity Range (cps) at Room Temperature: 2,500-4,000  
eClass 14 Classification Group: 23330111

# 3M™ Scotch-Weld™ Urethane Adhesive DP640, Brown, 48.5 mL Duo-Pak, 12/Case

3M Product Number 640 3M ID 7100148761 UPC 00638060089910

## Details

Two part urethane delivers extremely tough, flexible bonds  
Designed for vertical and other applications that require no slumping or sagging of the adhesive bead  
Low-temperature flexibility  
Flexible adhesive that is capable of bonding dissimilar substrates  
Non-Newtonian: (Chemical reaction two-parts)  
Brown color

## Typical properties

Adhesive Type: Urethane  
Application: Encapsulating, Impact Resistance, Potting, Sealing  
Brands: Scotch-Weld™  
Container Size (Imperial): 1.64 fl oz  
Container Size (Metric): 48.5 mL  
Full Cure Time: 7 hr  
Industries: Metalworking, Signage, Specialty Vehicle, Woodworking  
Physical Form: Liquid  
Product Form: Cartridge  
Shear Strength: 2160 psi  
Storage Temperature (Celsius): 16°C - 27°C  
Storage Temperature (Fahrenheit): 60 °F - 80 °F  
Surface Type: Rough  
Units per Case: 12.0  
Volume (Imperial): 1.71 fl oz  
Volume (Metric): 48.5 mL  
Work Life: 40 min  
eClass 14 Classification Group: 23330109

## **3M™ Surface Pre-Treatment AC-131**

### **Details**

Helps reduce labor time and water usage; no scrubbing or rinsing required  
Reduces rivet paint loss compared to other conversion coating products and preparation methods  
Compatible with existing application techniques; brush, spray or dip  
Qualified to multiple customer specs throughout the aerospace industry  
Available in both blue (AC-131 BB) and clear (AC-131 CB) versions

### **Typical properties**

Application: Paint Preparation, Sealing, Surface Preparation  
Brands: 3M™  
Composition: Water Based (Non-chromated)  
Cure Temperature: Room Temperature  
Factory ISO Certification: No ISO Certification information available  
Product Color: Blue, Transparent  
Product Type: Pre-treatment, Primer  
Surface Type: Metal  
Volume (Imperial): 1 pt, 1 qt, 1 gal, 1.69 fl oz, 3.38 fl oz, 5 gal  
Volume (Metric): 0.95 L, 3.79 L, 18.93 L, 50 mL, 100 mL, 473.18 mL  
eClass 14 Classification Group: 23330504



# **3M™ Scotch-Weld™ Epoxy Adhesive EC-2792 B/A**

## **Details**

2:1 mix ratio simplifies mixing

60 minute work time allows for positioning and adjusting for fit prior to setting

Toughened to withstand demanding conditions

Outstanding environmental performance

High peel and shear strength for strong bonds in critical applications

## **Typical properties**

Container Size (Imperial): 1.69 fl oz, 6.76 fl oz

Container Size (Metric): 50 mL, 200 mL

Factory ISO Certification: No ISO Certification information available

eClass 14 Classification Group: 23330109

# **3M™ Scotch-Weld™ Structural Adhesive Film AF 147, .110 wt, 36 in x 36 yd, 1 Roll/Case**

Part Number AF 147 3M Product Number AF 147 3M ID 7010366114

## **Details**

Outstanding performance in metal to metal and metal to honeycomb strength over a temperature range of -67 to 300°F (-55 to 149°C)  
Thermosetting, modified epoxy film adhesive designed for bonding of honeycomb and metal-to-metal components  
Controlled tack to allow easy positioning during layup operations  
Contains no metallic fillers, thereby offering weight savings and radar transparency

## **Typical properties**

Adhesive Type: Epoxy  
Application: Bonding, Structural Bonding  
Brands: Scotch-Weld™  
Cure Rate: 1 hr  
Curing Temperature (Celsius): 177 °C  
Curing Temperature (Fahrenheit): 350 °F  
Factory ISO Certification: No ISO Certification information available  
Maximum Operating Temperature (Celsius): 149 °C  
Maximum Operating Temperature (Fahrenheit): 300 °F  
Minimum Operating Temperature (Celsius): -55 °C  
Minimum Operating Temperature (Fahrenheit): -67 °F  
Nominal Weight (Imperial): 0.11 lb/ft<sup>2</sup>  
Product Color: Gray  
Product Form: Roll  
Storage Environment: Freezer Storage  
Substrate: Metal  
eClass 14 Classification Group: 23330301

## **Dimensions and Classifications**

Overall Length (Imperial): 36 yd  
Overall Length (Metric): 33 m  
Overall Width (Imperial): 36 in  
Overall Width (Metric): 0.9 m

# 3M™ Scotch-Weld™ Structural Adhesive Film AF 6

## Details

Good flexibility and shear strength at service temperatures from -67°F to 180°F (-55°C to 82°C)

Easy application in a dry film which can be pressure, heat or solvent tacked into position

Excellent retention of strength after aging in many environments

Designed to meet numerous customer specs 1 hour cure rate for quick results and high productivity

## Typical properties

Adhesive Type: Nitrile Phenolic

Application: Bonding, Structural Bonding, Surfacing

Cure Rate: 1 hr

Curing Temperature (Celsius): 177 °C

Curing Temperature (Fahrenheit): 350 °F

Factory ISO Certification: No ISO Certification information available

Maximum Operating Temperature (Celsius): 82 °C

Maximum Operating Temperature (Fahrenheit): 180 °F

Minimum Operating Temperature (Celsius): -55 °C

Minimum Operating Temperature (Fahrenheit): -67 °F

Product Color: Yellow

Product Form: Roll

Storage Environment: Refrigeration Storage

Substrate: Metal

eClass 14 Classification Group: 23330301

## Dimensions and Classifications

Overall Length (Imperial): 36 yd

Overall Length (Metric): 33 m

Overall Width (Imperial): 5 in, 20 in

Overall Width (Metric): 127 mm, 508 mm

## **3M™ Scotch-Weld™ Urethane Adhesive EC-3549 B/A**

### **Details**

Provides high peel strength for long-term durability  
Formulated to be impact-resistant, creating a tough and durable bond  
Designed to be a sag-resistant urethane adhesive for accurate application  
Longer work-life offers time for proper application and adjustment

### **Typical properties**

Adhesive Type: Urethane  
Container Size (Imperial): 1 qt, 1.64 fl oz, 4 fl oz, 6.76 fl oz  
Container Size (Metric): 0.95 L, 48.5 mL, 118.29 mL, 200 mL  
Cure Rate: 7 days  
Cure Temperature: Room Temperature  
Density: 1.31 g/cc  
Factory ISO Certification: No ISO Certification information available  
Percent Volatile: <0.5 %  
Product Form: Cartridge  
eClass 14 Classification Group: 23330109

## **3M™ Dynamic Mixing System Nozzle**

### **Details**

Active mixing action thoroughly blends materials for precision mixing every time  
Reduces mess and cleanup – no hand mixing is needed for fillers and glazes  
Short length limits material left inside the nozzle  
Nozzles colored by product line help ensure trouble-free application for adhesives, sealants, fillers and glazes  
Easy clip-on/off application to cartridges saves time  
Nozzle extensions are available to reduce bead size when extruding adhesive and sealants

### **Typical properties**

Application: Adhering Floor Coverings, DMS system component, Dispensing, Fastening Headliner & Ceiling Systems, Mixing, Wall & Door Panel Attachment  
Case Quantity: 6.0 Cartons per Case, 6.0 Bags per Case  
Material: Plastic  
Product Color: Opaque, Purple, Red  
Product Type: Nozzle  
Tip Style: Spreader  
eClass 14 Classification Group: 21045111

## **3M™ Spray Trim Adhesive**

### **Details**

Spray-on adhesive attaches lightweight trim materials  
Dries to a low profile clear color  
Recommended as an adhesive for positioning applications  
Creates a secure bond on impervious metal surfaces  
May be used to bond styrene

### **Typical properties**

Adhesive Type: Synthetic Elastomer  
Application: Fabric attachment, Headliners, Trim & Molding Attachment, Trim attachment  
Case Quantity: 6.0 Cans per Case  
Container Size (Imperial): 16.8 Ounce, 19 Ounce  
Container Size (Metric): 476 g, 539 g  
Container Type: Aerosol  
Cure Time: 15 min  
Form: Aerosol  
Product Color: Pale Yellow, Yellow  
Surface Type: Fabric, Fiberglass, Metal  
Work Time: 10 min - 15 min  
eClass 14 Classification Group: 23330115

## **3M™ Dent Finishing Glaze, 05857, 276 mL DMS Cartridge, 6 per case**

3M ID 7000120077 UPC 00051131058576

### **Details**

Two-part glaze applies from a single cartridge, eliminating mixing  
Excellent flowability – fills pinholes, sand scratches and other minor imperfections  
Self-leveling formula evens up low areas and reduces application time  
Part of the 3M™ Dynamic Mixing System for savings in time and material costs

### **Typical properties**

Application: Small Dent Repair  
Brands: 3M™  
Case Quantity: 6.0 Bags per Case  
Consistency: Thick Liquid  
Container Size (Imperial): 9.33 fl oz (US)  
Container Size (Metric): 276 ml  
Container Type: Cartridge  
Container Volume: 9.3 fl oz (US)  
Dry Time: 20 min  
Handling Time: 3 - 5 min  
Paint Time: 45 Minute  
Performance Level: Best  
Product Type: Finishing Glaze  
Sand Time: 20 Minute  
Surface Type: Aluminum, Fiberglass, Metal, Paint, Primer, SMC, eCoat  
Volume (Imperial): 9.3 fl oz  
Volume (Metric): 276 mL  
Work Time: 4 min  
eClass 14 Classification Group: 22170700

# **3M™ Flexiclear™ Body Seam Sealer, 08405, 1/10 gal cartridge, 12 per case**

Part Number 08405 3M ID 7000121530 UPC 00051135084052

## **Details**

**STRONG TRANSPARENT SEALS:** Colorless, non-yellowing formula makes for a low-profile appearance

**LOW MODULAR:** Sealer stays flexible once cured

**PAINTABLE IN MINUTES:** Seals can be painted over in as few as 45 minutes

**CAULK STYLE DISPENSING SYSTEM:** Caulk gun compatibility offers convenient application

**VERSATILE APPLICATION:** Sealing of vinyl roof tops, opera-style windows, headlight/taillight seams, and more

## **Typical properties**

Adhesive Type: Synthetic Rubber

Application: Sealing

Brands: 3M™

Case Quantity: 12.0 Cartridges per Case

Container Size (Imperial): 0.1 Gallon

Container Size (Metric): 379 ml

Container Type: Cartridge

Dry Time: 45 min

Form: Paste

Full Cure Time: 1/8 in per 24 Hours

Paint Time: 45 Minute

Product Color: Transparent

Surface Type: Painted Surface

Tack-free Time: 45 min

Work Time: 5 - 10 min (varies with heat, humidity)

eClass 14 Classification Group: 23330106



## **3M™ Wetordry™ Rubber Squeegee, 05517, 2-3/4 in x 4 1/4 in, 50 per case**

3M ID 7000028348 UPC 50051144055178

### **Details**

Squeegee wipes away swarf and water from work surface  
Accessory is also used for smoothing filler and putty  
Rubber is firm with just enough flexibility to be gentle on surfaces  
Sized for a comfortable and secure hold  
Measures 2-3/4" x 4-1/4"

### **Typical properties**

Attachment Type: None  
Brands: Wetordry™  
Case Quantity: 50.0 per Case  
Density Rating: Firm  
Firmness: Firm  
Product Color: Black  
Product Type: Accessory  
Vacuum Support: No

### **Dimensions and Classifications**

Overall Length (Imperial): 4.25 in  
Overall Length (Metric): 108 mm  
Overall Width (Imperial): 2.75 in  
Overall Width (Metric): 70 mm

# Dynatron™ Auto Seam Sealer Caulk

## Details

**EASY APPLICATION:** Brushable consistency and paintable results make it easy to work with

**HIGH ADHESION:** Bonds reliably to both bare metal and painted surfaces

**FAST CURING:** Forms a skin in just 10 to 15 minutes

**NON-SAGGING:** A robust formula ensure accurate placement, even on vertical seals

**GAP-FILLING CONSISTENCY:** Capable of filling large voids to help prevent corrosion

## Typical properties

Application: Exterior Seams & Joints, Sealing

Case Quantity: 12.0 Cartridges per Case

Consistency: Paste

Container Size (Imperial): 12 Ounce

Container Size (Metric): 340 g

Container Type: Cartridge

Cure Time: 24 hr

Full Cure Time: 24 hr

Handling Time: 10 min - 20 min

Paint Time: 30 Minute

Product Color: Gray, White

Work Time: 10 min

eClass 14 Classification Group: 30140102

## **3M™ Industrial Plastic Adhesive 4475**

### **Details**

Dries quickly to a firm bond

Excellent resistance to water, plasticizer migration, many detergent and soap solutions, oils and grease

A general purpose adhesive for bonding most plastics, vinyls, ceramics, glass, leather and cloth to a variety of substrates

Provides strong, quick drying flexible bonds

Proven to not stain surfaces

### **Typical properties**

Application Method: Brush, Flow

Application Temperature From (Celsius): -30 °C

Application Temperature To (Celsius): 80 °C

Assembly Type: Large Surface Lamination

Brands: 3M™

Container Size (Imperial): 1 Quart, 5 Gallon, 5 fl oz (US)

Container Size (Metric): 1 Liter, 20 Liter, 150 ml

Environmental Considerations: California Air Resources Board, Helps contribute to LEED® credits, Ozone Transport Commission

Form: Liquid, Paste

Heat Resistance: <170 Degree Fahrenheit, <230 Degree Fahrenheit

Industries: Automotive, Construction, Furniture, General Industrial, MRO,

Packaging, Specialty Vehicle, Transportation, Woodworking

Open Time: Up to 10 min

Product Color: Transparent

Product Form: Bulk, Tube

Product Type: Adhesive

Solids Weight Percent (Approximate): 42 %

State Restrictions: CA, CT, DC, DE, IL, MA, MD, ME, MI, NH, NJ, NY, OH, PA, RI, VI

Surface Type: Fabric, Glass, Leather

Units per Case: 36.0,1.0,12.0

eClass 14 Classification Group: 23330115

# 3M™ Scotch-Weld™ Plastic & Rubber Instant Adhesive PR600

## Details

Bonds to a number of substrates, including plastics and rubbers  
Precise application: pinch container for a precise drop or squeeze for a steady bead  
Medium viscosity adhesive is easily applied from the bottle  
Strong, durable and long lasting bond on a variety of substrates  
Fast curing to keep projects moving quickly

## Typical properties

Adhesive Type: Instant Adhesive  
Brands: Scotch-Weld™  
Container Size (Imperial): 1.76 Ounce, 17.64 Ounce  
Container Size (Metric): 50 g, 500 g  
Design Challenges: Impact & Shock Absorption  
For Use On: Plastic (Polyolefins and Thermoplastic Elastomers), Fabric, Felt, Cork & Fibrous Glass, Flexible Foam (Latex, Urethane), Plastic (High Performance Nylon), Metal, Paint, Rubber (Except EPDM), Paper & Cardboard, EPDM Rubber, Rigid Foam (Urethane), Rigid Foam (Beadboard Styrene), High Surface Energy, (400-1100 Dynes/cm), Plastic (ABS, PVC, Acrylic), Plastic (Flexible Vinyl), Smooth  
Full Cure Time: 24 Hours @ 72 F (22 C)  
Gap Fill (Imperial): 0.006 in  
Gap Fill (Metric): 0.152 mm  
Indoor/Outdoor: Both  
Industries: Construction, Consumer Goods, Electronics, General Industrial, MRO, Medical, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Maximum Operating Temperature (Celsius): 82 °C  
Maximum Operating Temperature (Fahrenheit): 180 °F  
Net Weight (Imperial): 1 lb, 1.8 oz  
Net Weight (Metric): 50 g, 453 g  
Physical Form: Liquid  
Product Color: Transparent  
Product Form: Bottle  
Set Time: 4 to 25 Second  
Shear Strength: 2100 psi  
Storage Temperature (Celsius): 4 °C  
Storage Temperature (Fahrenheit): 40 Degree Fahrenheit  
Units per Case: 1.0, 10.0  
Viscosity: Self-leveling  
Viscosity Range (cps) at Room Temperature: 510-660  
Work Time: <35 Seconds  
eClass 14 Classification Group: 23330105

## **3M™ Semi-Rigid Plastic Repair**

### **Details**

Unique formula bonds a variety of semi-rigid plastics  
Fast-curing urethane chemistry enhances productivity  
Adhesive reinforces two-sided repairs  
High-performance adhesive creates a lasting bond  
200 mL dual-syringe cartridge system makes application easier

### **Typical properties**

Adhesive Type: Two-Part Urethane  
Application: Bonding, Plastic Repair  
Case Quantity: 6.0 Cartridges per Case, 6.0 Kits per Case  
Consistency: Paste  
Container Size (Imperial): 1.69 fl oz (US), 6.76 fl oz (US)  
Container Size (Metric): 47.3 ml, 200 ml  
Container Type: Cartridge  
Full Cure Time: 1 hr  
Handling Time: 50 Seconds  
Paint Time: 30 Minute  
Product Color: Black, Transparent  
Product Form: Paste  
Product Type: Plastic Repair Adhesive  
Sand Time: 15 Minute  
Volume (Imperial): 1.6 fl oz, 6.75 fl oz  
Volume (Metric): 47.3 mL, 200 mL  
Work Time: 50 Seconds  
eClass 14 Classification Group: 22170790

# Dynatron™ Blue Cream Hardener

3M ID B40067608

## Details

Easy mixing produces a quality hardener and filler blend

3M™ Dynatron™ Cream Hardener is designed for use with 3M™ 2-part body filler & glazes

When used with 3M™, Dynatron™ and Bondo™ it provides the best performance possible

## Typical properties

eClass 14 Classification Group: 22170700

# **Dynatron™ Ultra-Glass™ Milled Glass**

3M ID B40067504

## **Details**

Milled fiberglass reinforces strength of repaired areas  
Waterproof qualities  
Versatile formula works on metal, fiberglass and more  
Can be used with fiberglass tape, cloth or matting

## **Typical properties**

eClass 14 Classification Group: 22170700

# **3M™ Scotch-Weld™ PUR Applicator Bench Mount Bracket Assembly, 1/Case**

3M ID 7000121614 UPC 50021200300863

## **Details**

Supports high-volume production environments  
Hands free dispensing  
Easy installation Easy installation  
Improves efficiency of dispensing  
Authentic 3M accessory parts provide quality you can trust

## **Typical properties**

Brands: Scotch-Weld™  
Industries: Automotive  
Product Form: Each  
Product Type: Bracket  
Solids Weight Percent (Approximate): 100 %  
Units per Case: 1.0



## **3M™ Adhesion Promoter N200NT**

3M Product Number N200NT 3M ID B49000132

### **Details**

Helps secure attachment tape to automotive parts

Intended primarily for use on PVC, but can also be used with nylon, ABS, urethane and PC substrates

Ready to use with common application equipment

Formulated specifically for use with 3M™ Acrylic Foam and Acrylic Plus Tapes

### **Typical properties**

eClass 14 Classification Group: 23330504

## **3M™ Platinum™ Select Filler**

### **Details**

3M's highest-performing lightweight body filler  
Super creamy formula reduces pinholes and micro pinholes  
Refined surface creates less need for primer, reducing primer usage up to 30%  
Delivers superior adhesion to galvanized steel, aluminum, e-coat, fiberglass and SMC  
Resin-rich formula adheres to cured epoxy and urethane primers  
Stain-free and tack-free, ideal under all basecoat/clearcoat systems  
Available in 276 mL cartridges for use with the 3M™ Dynamic Mixing System

### **Typical properties**

Application: Dent Fill, Dent Finish, Small Dent Repair  
Case Quantity: 6.0 Bags per Case, 4.0 Cans per Case, 1.0 Bags per Case  
Consistency: Paste  
Container Size (Imperial): 1 Gallon, 3 Gallon, 9.33 fl oz (US)  
Container Size (Metric): 3.785 Liter, 11.356 Liter, 276 ml  
Container Type: Can, Cartridge, Pail  
Container Volume: 276.0 ml, 102.0 fl oz (US), 282.0 fl oz (US)  
Dry Time: 20 min  
Handling Time: 3 - 5 min  
Paint Time: 45 Minute  
Performance Level: Best  
Product Color: Lavender  
Product Type: Premium Body Filler  
Sand Time: 20 Minute  
Volume (Imperial): 1 gal, 3 gal, 9.3 fl oz  
Volume (Metric): 276 mL  
Work Time: 4 min  
eClass 14 Classification Group: 22170700

# 3M™ Scotch-Weld™ Epoxy Adhesive EC-3542 B/A FR

## Details

Low density < 0.7 g/cc for substantial weight reduction  
Fast cure and gel-time at room temperature yields higher manufacturing throughput  
High-torque resistance ideal for insert potting application  
Pumpable with automated dispensing equipment  
Non-sag (thixotropic) enable vertical edge close-out and panel forming  
Flame Retardant per FAA 14CFR 25.853 (a)

## Typical properties

Adhesive Type: Epoxy  
Container Size (Imperial): 6.76 fl oz, 15 gal  
Container Size (Metric): 56.78 L, 200 mL  
Cure Temperature: Room Temperature  
Density: 0.7 g/cc  
Factory ISO Certification: No ISO Certification information available  
Features: Flame Retardant  
Industries: Aerospace  
Product Form: Bulk, Cartridge  
Shelf Life: 6 Month  
eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Multi-Material Composite Urethane Adhesive DP6310NS

## Details

**A VARIETY OF SUBSTRATES:** Ideal for use on wood, metals, rubber, leather, tile and glass, concrete, and many more

**A VARIETY OF INDUSTRIES:** Ideal for bonding in transportation, sporting goods repair, specialty vehicle, and many more

**HIGH-PERFORMANCE:** Has excellent water, humidity, and chemical resistance

**STAYS IN PLACE:** Non-sag formulation resists running and slumping of adhesive

**WORKING TIME:** Allows up to 10 minutes to reposition and adjust

**FAST-HANDLING STRENGTH:** Offers project handling in 45 minutes

**CURING TIME:** Fully cured in 24 hours at a temperature of 73 °F (23 °C)

**PRODUCT OPTIONS:** Available in bulk form or a Duo-Pak (DP)

## Typical properties

Adhesive Type: Urethane

Brands: Scotch-Weld™

Container Size (Imperial): 1.64 fl oz, 5 gal, 13.52 fl oz, 55 gal

Container Size (Metric): 18.93 L, 48.5 mL, 208.2 L, 400 mL

Design Challenges: Impact & Shock Absorption, Noise Vibration & Harshness Control NVH

Full Cure Time: 24 hr

Industries: Aerospace, Appliance, Automotive, Construction, Consumer Goods, Electronics, General Industrial, MRO, Marine, Metalworking, Signage, Specialty Vehicle, Transportation, Woodworking

Performance Level: Better

Physical Form: Liquid

Product Form: Each

Set Time: 10 min

Shear Strength: 3600 psi

Smallest Saleable Unit: Each

Storage Temperature (Celsius): 21°C

Storage Temperature (Fahrenheit): 73 Degree Fahrenheit

Surface Type: Rough

Units per Case: 12.0,6.0

Volume (Imperial): 1.64 fl oz, 13.53 fl oz

Volume (Metric): 48.5 mL, 400 mL

Work Life: 10 min

eClass 14 Classification Group: 23330109

## **3M™ Surface Pre-Treatment AC-130-2**

### **Details**

Helps reduce labor time and water usage; no scrubbing or rinsing required  
Eliminates chromates from surface treatment process  
Compatible with existing application techniques; brush, spray or dip application available  
Enables all metallic substances to be prepared with a single method

### **Typical properties**

Application: Metal Bonding, Metal to Composite Bonding, Sealing, Structural Bonding, Surface Preparation  
Brands: 3M™  
Composition: Water Borne  
Cure Temperature: Room Temperature  
Density: 1 Gram per Liter  
Factory ISO Certification: No ISO Certification information available  
Product Color: Transparent  
Product Type: Pre-treatment, Primer  
Surface Type: Metal  
Volume (Imperial): 1 gal, 1.69 fl oz, 3.38 fl oz, 16.907 fl oz, 33.81 fl oz, 50.72 fl oz  
Volume (Metric): 3.79 L, 50 mL, 100 mL, 500 mL, 1000 mL, 1500 mL  
eClass 14 Classification Group: 23330504

## **3M™ Protective Tape Application Solution, 1 qt**

Part Number 56800 3M Product Number 56800 3M ID 7100069168

### **Details**

Allows wide width and contoured films and preformed boots to be more easily installed

Ready-to-use spray bottles save time and guesswork mixing

Includes application squeegee to aid with proper installation

Premixed in the preferred ratio to provide excellent adhesion for 3M™

Polyurethane Protective Tape and Boots

Shipped with (1) one-quart bottle, (1) sprayer head and (1) squeegee for immediate use

### **Typical properties**

Application: Erosion Protection, Surface Protection

Brands: 3M™

Composition: Water Borne

Factory ISO Certification: No ISO Certification information available

Flame Retardant: No

Product Color: Transparent

Product Type: Accessory

Volume (Imperial): 1 qt

Volume (Metric): 0.95 L

eClass 14 Classification Group: 23330504

# 3M™ Scotch-Weld™ Epoxy Adhesive EC-2615 B/A

## Details

- 2:1 mix ratio simplifies mixing
- 20 minute work time allows for positioning and adjusting for fit prior to setting
- Available in bulk or duo-pak cartridges
- Flexible to withstand vibration
- Outstanding environmental performance
- High peel and shear strength for strong bonds in critical applications
- Low sag

## Typical properties

- Adhesive Type: Epoxy
- Container Size (Imperial): 1 qt, 1.69 fl oz, 6.76 fl oz
- Container Size (Metric): 0.95 L, 50 mL, 200 mL
- Cure Rate: 7 days
- Cure Temperature: Room Temperature
- Factory ISO Certification: No ISO Certification information available
- Time to Handling Strength: 2 hr - 3 hr
- Work Life: >20 min
- eClass 14 Classification Group: 23330109

# **3M™ Scotch-Weld™ Structural Adhesive Film AF 143-2, .100 wt, 40 in x 50 yd, 1 Roll/Case**

Part Number AF 143-2 3M Product Number AF 143-2 3M ID 7100064959

## **Details**

Designed for 350°F (175°C) cure  
For the bonding of honeycomb and metal to metal components where high strengths at 350°F (177°C) are required  
Excellent performance in the -67°F to 350°F (-55°C to 177°C) temperature range  
Includes an embossed liner  
Tan in color

## **Typical properties**

Adhesive Type: Epoxy  
Application: Bonding, Structural Bonding  
Brands: Scotch-Weld™  
Cure Rate: 1 hr  
Curing Temperature (Celsius): 177 °C  
Curing Temperature (Fahrenheit): 350 °F  
Factory ISO Certification: No ISO Certification information available  
Maximum Operating Temperature (Celsius): 177 °C  
Maximum Operating Temperature (Fahrenheit): 350 °F  
Minimum Operating Temperature (Celsius): -55 °C  
Minimum Operating Temperature (Fahrenheit): -67 °F  
Nominal Weight (Imperial): 0.1 lb/ft<sup>2</sup>  
Product Color: Off-white  
Product Form: Roll  
Storage Environment: Freezer Storage  
Substrate: Metal  
eClass 14 Classification Group: 23330301

## **Dimensions and Classifications**

Overall Length (Imperial): 50 yd  
Overall Length (Metric): 45.7 m  
Overall Width (Imperial): 40 in  
Overall Width (Metric): 1 m



## **3M™ Scotch-Weld™ Urethane Adhesive EC-3535 B/A**

### **Details**

Two-component, urethane adhesive cures at room temperature for convenient easy use  
High impact resistance helps improve service life and reduce potential damage  
Excellent adhesion to many primed or painted metal and plastic substrates minimizes prep  
Designed to develop sag resistance approximately 30 seconds after mixing to keep processes moving  
3-5 minute work life and 8 hour cure time provide fast results

### **Typical properties**

Adhesive Type: Urethane  
Container Size (Imperial): 1 qt, 1.69 fl oz, 6.76 fl oz  
Container Size (Metric): 0.95 L, 50 mL, 200 mL  
Cure Rate: 24 hr  
Cure Temperature: Room Temperature  
Factory ISO Certification: No ISO Certification information available  
Time to Handling Strength: 45 - 60 min  
Volume (Imperial): 10 gal  
Volume (Metric): 37.854 L  
Work Life: 45 sec - 240 sec  
eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Epoxy Adhesive EC-2216 B/A Translucent

## Details

- 1:1 mix ratio simplifies mixing
- 120 minute work time allows for positioning and adjusting for fit prior to setting
- Available in bulk or duo-pak cartridges
- Flexible to withstand vibration
- Outstanding environmental performance
- High peel and shear strength for strong bonds in critical applications
- Excellent for creating bonds that can be used at cryogenic temperatures
- Translucent material lets you see the surface beneath the epoxy

## Typical properties

- Adhesive Type: Epoxy
- Container Size (Imperial): 1 qt, 1 gal, 4 oz
- Container Size (Metric): 0.95 L, 3.79 L, 118.29 mL
- Cure Rate: 14 days
- Cure Temperature: Room Temperature
- Factory ISO Certification: No ISO Certification information available
- Product Form: Kit(set)
- Time to Handling Strength: 12 hr - 16 hr
- Work Life: 120 min
- eClass 14 Classification Group: 23330109

## Scotch® Super Glue Gel, Tubes

3M ID CBGNHW011020 UPC 00051131978393

### Details

Fast-drying, no run gel formula

Fine tip

Bonds to wood, metal, leather, ceramic, rubber, some plastics, and more

Economical one-pack

### Typical properties

Acid Free: Yes

Brands: Scotch®

Container Size (Imperial): 0.07 Ounce

Container Size (Metric): 2.07 ml

Factory ISO Certification: No ISO Certification information available

Net Weight (Imperial): 0.07 oz

Product Color: Transparent

Product Type: Quick Fix

Sizes Available: 0.07 oz per tube, 0.017 oz single use tubes

eClass 14 Classification Group: 23330105

**003 SCOTCH® ACID-FREE GLUE STICK, 40 GRAM, 1.41 OUNCE, 4  
EACH/INNER,  
, 24 EACH/CASE, ENGLISH**

3M ID 70071214806 UPC 00051131761520

**Details**

Cleans off hands and household surfaces with soap and water  
One stick per package  
Non-Toxic

**Typical properties**

Acid Free: Yes  
Brands: Scotch®  
Factory ISO Certification: No ISO Certification information available  
Photo Safe: No  
Product Type: Crafting  
eClass 14 Classification Group: 23330113

## Scotch® Super Glue Liquid, Single Use

3M ID CBGNHW011140 UPC 00076308721930

### Details

Four single-use tubes - each perfect for a single application  
Fast-drying liquid formula  
Bonds to wood, metal, leather, ceramic, rubber, some plastics, and more  
Fine tip

### Typical properties

Acid Free: Yes  
Brands: Scotch®  
Container Size (Imperial): 0.017 fl oz (US)  
Container Size (Metric): 0.503 ml  
Factory ISO Certification: No ISO Certification information available  
Net Weight (Imperial): 0.017 oz, 0.07 oz  
Product Color: Transparent  
Product Type: Quick Fix  
eClass 14 Classification Group: 23330105

# **3M™ Wind Epoxy Filler W3120, 200 mL, 6 Cartridges/Box, 6 Kits/Case**

3M ID 7100027175 UPC 00048011661742

## **Details**

Finish and smooth the wind blade surface and leading edge during the manufacturing process

Repair minor damage on the wind blade surface quickly and reliably during maintenance operations either on the ground or up tower

## **Typical properties**

Adhesive Type: Epoxy

Brands: 3M™

eClass 14 Classification Group: 22170700

# **3M™ Wet Surface Adhesive 18093, .20 oz (5.6 g)\*IN DEVELOPMENT - NOT RELEASED\***

3M ID 70005045516 UPC 00051141909134

## **Details**

Cures above and below water line  
Has a waterproof bond  
Sets in 3-4 hours

## **Typical properties**

Brands: 3M™  
Factory ISO Certification: No ISO Certification information available  
Net Weight (Imperial): 0.2 oz  
Volume (Imperial): 0.2 fl oz  
eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Epoxy Adhesive DP110 Translucent

## Details

Provides strong, permanent bond even under vibration and impact  
Maintains high shear and peel strength  
Flexible when cured, making it a good choice for bonding dissimilar surfaces  
10 minute work life with handling strength in approximately 20 minutes at room temperature  
Versatile bonder for metals, plastics, concrete, wood and composites  
Upon curing, final colors will vary from yellow to orange

## Typical properties

Adhesive Type: Epoxy  
Application: Bonding, Encapsulating, Potting, Sealing  
Brands: Scotch-Weld™  
Container Size (Imperial): 1.64 fl oz, 5 gal, 6.76 fl oz, 13.52 fl oz  
Container Size (Metric): 18.93 L, 48.5 mL, 200 mL, 400 mL  
Full Cure Time: 48 hr  
Hardness: 40 - 45 Shore D, 40 Shore D  
Industries: Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Open Time: 8 - 13 min @ 72 °F (22 °C)  
Performance Level: Best  
Physical Form: Flowable Liquid  
Product Form: Cartridge  
Set Time: 20 min  
Shear Strength: 2500 psi  
Specific Gravity: 1.1  
Specifications Met: UL 94 HB  
Storage Temperature (Celsius): 22°C, 16°C - 27°C  
Storage Temperature (Fahrenheit): 60 °F - 80 °F, 72 Degree Fahrenheit  
Surface Type: Smooth  
Units per Case: 1.0, 12.0, 6.0  
Volume (Imperial): 1.71 fl oz, 5 gal, 6.76 fl oz, 13.5 fl oz  
Volume (Metric): 18.9 L, 48.5 mL, 200 mL, 400 mL  
Work Life: 8 - 13 min  
eClass 14 Classification Group: 23330109



# 3M™ Scotch-Weld™ Structural Adhesive EW2020

3M ID B5005036062

## Details

- Excellent retention of overlap shear strength under Pressure Cooker Test
- Excellent dielectric strength 2.0 kV/mm
- 120 degree C of glass transition temperature
- Low Viscosity
- Aluminum filler type
- Requires heat to cure
- Does not require mixing

## Typical properties

- Adhesive Type: One-Part Epoxy
- eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Core Splice Adhesive Film AF 3074 FST

Part Number AF 3074 3M Product Number AF 3074 3M ID B5005035349

## Details

Reliable expansion ratio of up to 230% (>3x the thickness of the uncured film)  
Wide in-service temperature range  
FST tested according to FAR/JAR/CS 25.853(a) App F, part I(a)(1)(ii) and ABD0031  
Easy to handle, cut, and reposition during lay up process  
Cocurable with structural adhesive films and prepregs in 120 °C (248 °F) to 180°C (356 °F) cure cycles  
Long shop life (up to 30 days storage at room temperature outside of the protective bag)  
Suitable for storage at room temperature for 6 months from date of manufacturing, when stored in the sealed protective bag

## Typical properties

Adhesive Type: Epoxy  
Maximum Cure Conditions (Celsius): 180 °C  
Maximum Cure Conditions (Fahrenheit): 350 °F  
Maximum Operating Temperature (Celsius): 135 °C  
Maximum Operating Temperature (Fahrenheit): 275 °F  
Minimum Cure Conditions (Celsius): 120 °C  
Minimum Cure Conditions (Fahrenheit): 250 °F  
Minimum Operating Temperature (Celsius): -67 °C  
Minimum Operating Temperature (Fahrenheit): -55 °F  
eClass 14 Classification Group: 23330301

## **3M™ Dry Layup Adhesive 2.0**

3M ID B5005112062

### **Details**

Sprayable, high-tack and fast-drying synthetic elastomer adhesive  
Used for bonding/holding glass fabrics and roving , other reinforcements, and other materials (e.g., flow media) in place during the infusion process  
Particle spray pattern and color provide a visual check of spray level for more consistent application  
A substitute for paint in areas of the automotive body that are expensive or difficult to paint

### **Typical properties**

Industries: Energy, Power Generation  
eClass 14 Classification Group: 23330115

## **3M™ Flexible Foam, 08463, 200 mL Cartridge, 6 per case**

Part Number 08463 3M ID 7100045768 UPC 00051131084636

### **Details**

Foam-in-place material for fast, effective replacement of OEM flexible foams  
High 10:1 expansion rate fills large cavities with a small amount of material, saving money  
Closed-cell foam provides moisture and temperature resistance  
Cures in 1 hour for efficient throughput  
Works with 3M™ Automix™ products for maximum efficiency

### **Typical properties**

Adhesive Type: Two-Part Urethane  
Application: Door Skins, Floor Pans, Joint Filling, Rocker Panels, Voids and Gaps  
Brands: 3M™  
Case Quantity: 6.0 per Case  
Consistency: Liquid  
Container Size (Imperial): 6.76 fl oz (US)  
Container Size (Metric): 200 ml  
Container Type: Cartridge  
Container Volume: 200.0 ml  
Cure Time: 1 hr  
Handling Time: 40 sec  
Paint Time: 1 Hour  
Product Color: Gray  
Product Form: Paste  
Product Type: Flexible Foam Filler  
Volume (Imperial): 6.75 fl oz  
Volume (Metric): 200 mL  
Work Time: 40 sec  
eClass 14 Classification Group: 22170700

## **3M™ Static Mixing Nozzle**

### **Details**

**HIGH-PERFORMANCE:** Static mixing nozzle for use with manual and pneumatic applicators

**VERSATILE APPLICATION:** Nozzle mixes a wide variety of 3M™ two component adhesives, sealers, and foams

**TWO-PART MIX:** Components automatically mix to the ideal, effective ratio

**EASY CLEANUP:** Disposable nozzles and tubes for easy clean-up; no more mixing and stirring tools to clean

**CONVENIENT STORAGE:** Nozzle can double as a storage cap

### **Typical properties**

Application: Dispensing, Mixing

Capacity (Imperial): 6.763 fl oz (US), 1.691 fl oz (US)

Capacity (Metric): 50 ml, 200 ml

Case Quantity: 6.0 Bags per Case

Includes: 12 nozzles per bag

Material: Plastic

Product Color: Gold

Product Form: Bag

Product Type: Nozzle

Tip Style: Static

Volume (Metric): 200 mL

eClass 14 Classification Group: 21045111

# **Bondo® Bumper and Flexible Part Repair**

3M ID B40071615

## **Details**

Specialty adhesive repairs damaged bumpers, dashboards and other flexible plastic parts

Two-part epoxy adhesive is easy to use and uses a simple 1:1 mixing ratio

Adhesive repairs plastics to look highly professional

Compatible with most types of plastic parts including bumpers, trims, etc

Fast cure rate offers a 6 minute working time

## **Typical properties**

Brands: Bondo®

eClass 14 Classification Group: 22170790

## **Bondo® Liquid Hardener, 00912, .37 oz**

3M ID 60455056048 UPC 00076308009120

### **Details**

MUST BE USED WITH Bondo® Extreme Filler or Bondo® Liquid Resin for Fiberglass, cannot be used by itself  
MIXES EASILY to produce a consistent chemical reaction for fast curing  
PACKAGED IN EASY-TO-USE squeeze tube  
TUBE AVAILABLE in multiple sizes  
MIXTURE CURES in 20 minutes for Bondo® Extreme Filler, and 2 hours for Bondo® Liquid Resin for Fiberglass  
INTERIOR OR EXTERIOR use  
EASY APPLICATION tube design  
NOT TO BE USED with Bondo® Short Strand Fiberglass Reinforced Filler or Bondo® Long Strand Fiberglass Reinforced Filler  
FILL STAGE of 3M™ Body Repair System

### **Typical properties**

Brands: Bondo®  
Case Quantity: 6.0 Tubes per Case  
Consistency: Liquid  
Container Size (Imperial): 0.37 Ounce  
Container Size (Metric): 10.489 g  
Container Type: Tube  
Factory ISO Certification: No ISO Certification information available  
Form: Liquid  
Product Category: Reinforced Fillers  
Product Color: Transparent  
Volume (Imperial): 0.37 fl oz  
Volume (Metric): 11 mL  
eClass 14 Classification Group: 22170700

# **Bondo® Traffic, P-606 Flexible Loop Sealer with Hardener**

3M ID B40067028

## **Details**

Rapid chemical curing minimizes the length of time a lane is closed  
Compatible with concrete or asphalt, fresh or aged, wet or dry for consistent low maintenance results  
Sealant does not shrink - say goodbye to call-backs for refilling  
Cures to a smooth surface – no finishing required  
Sealant remains temperature stable and permanently flexible  
Encapsulates, insulates and protects detector loop wires from harsh roadway environments  
Comes with hardener  
Comes with hardener

## **Typical properties**

eClass 14 Classification Group: 23330106



## 3M™ Adhesive Sealant 760 UV

### Details

**HIGH-PERFORMANCE BONDING:** Create weather-resistant, malleable bonds between dissimilar materials in vehicular and architectural applications

**EXCELLENT UV RESISTANCE:** A distinct ability to withstand the sun's rays allows it to excel in challenging outdoor industrial, transportation, and construction environments

**FLEXIBLE BONDS:** Maintains elasticity for design flexibility and long-term joint movement

**PAINTABLE WHEN WET:** This low-VOC sealant forms a skin in 10-30 minutes but can be painted over with water-based paints immediately after application

**FLEXIBLE BONDS:** Silane Modified Polymer (SMP) adhesive sealants provide durable elastomeric bonds that seal against the elements

**EASY TO USE:** Single component, moisture-curing sealant fills gaps and simplifies production

### Typical properties

Adhesive Type: Silane Modified Polymer

Application Method: Hand or pressure caulk

Assembly Type: Panel to Frame/Stiffener to Panel

Brands: 3M™

Container Size (Imperial): 20.288 fl oz (US), 50 Gal. (US)

Container Size (Metric): 600 ml

Full Cure Time: >3.5 mm/24 hr

Hardness: 55 Shore A

Industries: Construction, General Industrial, Transportation

Maximum Operating Temperature (Fahrenheit): 212 none

Modulus at 100%: >145 Pound-Force Per Square Inch

Physical Form: Medium paste

Product Color: Black, Gray, White

Product Form: Cartridge, Each, Gallon, Pack

Solids Weight Percent (Approximate): 98 %

Surface Type: Metal

Tack-free Time: 20 min

Units per Case: 1.0,12.0

eClass 14 Classification Group: 23330106

# 3M™ Scotch-Weld™ Acrylic Adhesive DP8410NS

## Details

**KEY SUBSTRATES:** Adheres to metals, and plastics, and substrates containing a moderate amount of oil

**A VARIETY OF INDUSTRIES:** Ideal for bonding in sporting goods repair, specialty vehicles, signage, and many more

**LONG-LASTING RESULTS:** Creates strong adherence to moving parts and other high-stressed bonding assemblies

**HIGH-STRENGTH ADHESIVE:** Provides a durable bond with excellent shear and peel strength

**OPPORTUNITY TO ADJUST AND REPOSITION:** Allows up to 8 minutes of open working time

**FAST-HANDLING:** Offers handling strength in approximately 26-30 minutes

**CURING TIME:** Fully cured in 24 hours at a temperature of 73 °F (23 °C)

**PRODUCT OPTIONS:** Available in bulk form or a Duo-Pak (DP)

## Typical properties

Adhesive Type: Acrylic

Brands: Scotch-Weld™

Container Size (Imperial): 1.52 fl oz, 16.57 fl oz, 55 gal

Container Size (Metric): 45 mL, 208.2 L, 490 mL

Design Challenges: Impact & Shock Absorption, Noise Vibration & Harshness Control NVH

Industries: Aerospace, Appliance, Automotive, Composite, Construction, Consumer Goods, Electronics, General Industrial, MRO, Marine, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking

Open Time: 10 min @ 72 °F (22 °C)

Performance Level: Best

Physical Form: Flowable Liquid

Product Form: Cartridge

Set Time: 10 min

Shear Strength: 4100 psi

Smallest Saleable Unit: Each

Storage Temperature (Celsius): 22°C

Storage Temperature (Fahrenheit): 72 Degree Fahrenheit

Surface Type: Oily, Painted, Powder Coated, Smooth

Units per Case: 1.0,12.0,6.0

Volume (Imperial): 1.58 fl oz, 17.25 fl oz, 55 gal

Volume (Metric): 45 mL, 208.2 L, 490 mL

Work Life: 10 - 12 min

eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Epoxy Adhesive DP125 Translucent

## Details

**A VARIETY OF SUBSTRATES:** Bonds wood, metal, glass, stone, various plastics, and dissimilar surfaces

**MULTIPLE APPLICATIONS:** Can be used in joining, gluing and structural bonding in appliance, general industrial, and many more

**FLEXIBLE AND STRONG:** Maintains a secure bond under expansion, contraction, and limited movement

**HIGH-PERFORMANCE:** Ideal for demanding applications on difficult substrates, such as appliance repair

**AMPLE OPPORTUNITY FOR REPOSITIONING:** Offers up to 25 minutes to adjust the project

**FULL CURE TIME:** Fully cured in 7 days at a temperature of 73 °F (23 °C)

**CERTIFICATIONS:** Is UL 94 HB Certified

**PRODUCT OPTIONS:** Available in bulk form or a Duo-Pak (DP) and translucent or gray

## Typical properties

Adhesive Type: Epoxy

Application: Bonding, Encapsulating, Potting, Sealing

Brands: Scotch-Weld™

Container Size (Imperial): 1.64 fl oz, 13.52 fl oz

Container Size (Metric): 48.5 mL, 400 mL

Hardness: 55 Shore D

Industries: Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking

Open Time: 25 min @ 72 °F (22 °C)

Physical Form: Flowable Liquid

Product Form: Cartridge

Set Time: 2.5 hr

Shear Strength: 2500 psi

Specific Gravity: 1.08

Specifications Met: UL 94 HB

Storage Temperature (Celsius): 16°C - 27°C

Storage Temperature (Fahrenheit): 60 °F - 80 °F

Surface Type: Painted, Powder Coated, Smooth, Unpainted

Units per Case: 12.0,6.0

Volume (Imperial): 1.71 fl oz, 13.52 fl oz

Volume (Metric): 48.5 mL, 400 mL

Work Life: 25 min, >20 min

eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Epoxy Adhesive DP420

## Details

**BONDS A VARIETY OF SUBSTRATES:** For metals, ceramics, wood, glass, many composites and plastics

**MULTIPLE APPLICATIONS:** Can be used in joining, gluing, potting, panel and structural bonding in sporting goods, metalworking, general industrial, and transportation industries

**LONG-LASTING BONDS:** Has high shear strength to promote durability

**FOR TOUGH APPLICATIONS:** Offers high impact and fatigue resistance

**OPPORTUNITY TO ADJUST AND REPOSITION:** Allows up to 20 minutes of open working time

**FULL CURE STRENGTH:** Reaches a full cure in 24 hours at a temperature of 73 °F (23 °C)

**CERTIFICATIONS:** Is UL 94 HB Certified

**PRODUCT OPTIONS:** Available in bulk form or a Duo-Pak (DP) and black or off-white

**DIGITAL DISPENSING ASSISTANT:** Help reduce setup time using a free automation tool for time-pressure automated systems

## Typical properties

Adhesive Type: Epoxy

Application: Bonding, Impact Resistance, Potting

Brands: Scotch-Weld™

Container Size (Imperial): 1 gal, 1.69 fl oz, 5 gal, 6.76 fl oz, 13.52 fl oz, 55 gal

Container Size (Metric): 3.78 L, 18.93 L, 50 mL, 200 mL, 208.2 L, 400 mL

Features: Low Odor

Hardness: 75 - 80 Shore D

Industries: Composite, Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Military & Government, Plastic, Signage, Specialty Vehicle, Transportation, Woodworking

Mix Ratio Volume Base:Accelerator: 2:1

Open Time: 20 min @ 72 °F (22 °C)

Performance Level: Best

Physical Form: Flowable Liquid

Product Form: Cartridge, Each, Kit

Set Time: 2 hr

Shear Strength: 4500 psi

Smallest Saleable Unit: Each

Specific Gravity: 1.1,1.14,1.13

Specifications Met: UL 94 HB

Storage Temperature (Celsius): 22°C,16°C - 27°C

Storage Temperature (Fahrenheit): 72 Degree Fahrenheit

Surface Type: Painted, Powder Coated, Smooth, Unpainted

Units per Case: 1.0,12.0,6.0

Volume (Imperial): 1 gal, 1.69 fl oz, 5 gal, 7.03 fl oz, 13.53 fl oz, 55 gal

Volume (Metric): 3.8 L, 18.927 L, 50 mL, 200 mL, 208.198 L, 400 mL

Work Life: 15 min - 30 min, 4 - 8 min

eClass 14 Classification Group: 23330109

## **3M™ Hot Melt Adhesive 3764**

### **Details**

100% solids thermoplastic adhesive allows for adjustment over time to meet different project demands  
Formulated to be flexible at low temperatures to ease modification and positioning during application  
Impact-resistant design delivers long-term durability  
Provides dependability through good shear and peel strength  
Compatible adhesive that is capable of bonding to many materials

### **Typical properties**

Adhesive Type: Ethylene Vinyl Acetate  
Application: Mounting & Trim Attachment, Small Joint Assembly  
Application Method: Bulk Process, Handheld Process, Spray  
Assembly Type: Mounting & Trim Attachment, Small Joint Assembly  
Brands: 3M™  
Case Quantity: 11.0 Bags per Case  
Container Size (Imperial): 11 lb., 22 lb., 950 lb.  
Container Size (Metric): 5 kg, 10 kg, 430.9 kg  
Form: Flowable Liquid  
Heat Resistance: 140 Degree Fahrenheit  
Heat Resistance (Celsius): 60 °C  
Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, Military & Government, Packaging, Retail, Signage, Specialty Vehicle, Transportation, Woodworking  
Maximum Operating Temperature (Fahrenheit): 140 °F  
Open Time: 50 Seconds  
Product Color: Transparent  
Product Form: Pound  
Shear Strength: 390 psi  
Smallest Saleable Unit: Case  
Solids Weight Percent (Approximate): 100 %  
Surface Type: Metal, Plastic, Wood  
Temperature Setting for EC Heat Gun: 4  
eClass 14 Classification Group: 23330104

### **Dimensions and Classifications**

Overall Length (Imperial): 2 in, 3 in, 8 in, 12 in  
Overall Length (Metric): 0.05 m, 0.07 m, 0.2 m, 0.3 m  
Overall Width (Imperial): 0.45 in, 0.62 in, 1 in  
Overall Width (Metric): 11.4 mm, 15.9 mm, 25.4 mm

# 3M™ Scotch-Weld™ Low Odor Acrylic Adhesive DP8805NS

## Details

Low odor and non-flammable properties for a safer working environment compared to typical acrylic adhesives  
4 minute work life with 9 minutes to structural strength  
Durable finished bond with good shear and high impact strength  
Bonds difficult surfaces such as most powder coats and plastics  
18-month room temperature shelf life simplifies inventory management  
Features spacer beads to control bond line thickness

## Typical properties

Adhesive Type: Acrylic  
Application: Impact Resistance  
Brands: Scotch-Weld™  
Case Quantity: 12.0 Bags per Case  
Container Size (Imperial): 1.52 fl oz, 5 gal, 16.57 fl oz, 55 gal  
Container Size (Metric): 18.93 L, 45 mL, 208.2 L, 490 mL  
Design Challenges: Impact & Shock Absorption, Noise Vibration & Harshness Control NVH  
Industries: Aerospace, Appliance, Automotive, Construction, Consumer Goods, Electronics, General Industrial, MRO, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Open Time: 5 min @ 72 °F (22 °C)  
Performance Level: Best  
Product Form: Each  
Set Time: 10 min  
Shear Strength: 3500 psi  
Smallest Saleable Unit: Each  
Storage Temperature (Celsius): 22°C  
Storage Temperature (Fahrenheit): 72 Degree Fahrenheit  
Surface Type: Oily, Painted, Powder Coated, Smooth, Unpainted  
Volume (Imperial): 1.58 fl oz, 17.25 fl oz  
Volume (Metric): 45 mL, 490 mL  
Work Life: 3 - 5 min  
eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Plastic & Rubber Instant Adhesive PR100

## Details

**HIGH-PERFORMANCE ON DIFFICULT SUBSTRATES:** Offers fast-strength bonding on plastics, silicone rubber, and EPDM as well as heavily plasticized PVC, EPDM, ABS, Nylon, Santoprene, and more

**MANY USES:** Ideal for gasket attachment, small joint assembly, jewelry assembly, sporting goods, and electronics

**PRECISE APPLICATION:** Offers easy use, thin bond lines, and won't drip during vertical applications

**HIGH OVERLAP SHEAR STRENGTH:** Provides strong and long-lasting bonds once fully cured

**FAST TIME TO HANDLING STRENGTH:** Speeds up production with handling time in less than 20 seconds

**DISPENSED FROM A FLEXIBLE CONTAINER:** Pinch for a precise drop or squeeze for a steady bead

## Typical properties

Adhesive Type: Instant Adhesive

Application: Bonding, Bonding Composite Materials, Equipment Maintenance, Gasket Assembly, Gasket Attachment, Mounting & Trim Attachment, Plastic Repair, Small Joint Assembly

Assembly Type: Gasket Attachment, Mounting & Trim Attachment, Small Joint Assembly

Brands: Scotch-Weld™

Container Size (Imperial): 0.7 Ounce, 17.64 Ounce

Container Size (Metric): 20 g, 50 g, 500 g

Design Challenges: Impact & Shock Absorption

For Use On: Plastic (Polyolefins and Thermoplastic Elastomers), Plastic (High Performance Nylon), Flexible Foam (Latex, Urethane), Fabric, Felt, Cork & Fibrous Glass, PTFE, Silicone Gasket, Metal, Paint, Paper & Cardboard, Rubber (Except EPDM), EPDM Rubber, Rigid Foam (Urethane), Rigid Foam (Beadboard Styrene), High Surface Energy, (400-1100 Dynes/cm), Plastic (ABS, PVC, Acrylic), Plastic (Flexible Vinyl)

Full Cure Time: 24 Hours @ 72 F (22 C)

Gap Fill (Imperial): 0.006 in

Gap Fill (Metric): 0.152 mm

Indoor/Outdoor: Both

Industries: Construction, Consumer Goods, Electronics, General Industrial, MRO, Medical, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking

Maximum Operating Temperature (Celsius): 82 °C

Maximum Operating Temperature (Fahrenheit): 180 °F

Net Weight (Imperial): 0.71 oz, 1 lb

Net Weight (Metric): 20 g, 500 g

Physical Form: Liquid

Product Color: Transparent

Product Form: Bottle

Product Type: Instant Adhesive

Set Time: 10 to 30 Second  
Shear Strength: 2100 psi  
Smallest Saleable Unit: Each  
Storage Temperature (Celsius): 4 °C  
Storage Temperature (Fahrenheit): 40 Degree Fahrenheit  
Units per Case: 1.0,10.0  
Viscosity: Self-leveling  
Viscosity Range (cps) at Room Temperature: 100  
Work Time: <20 Seconds  
eClass 14 Classification Group: 23330105



# 3M™ Scotch-Weld™ PUR Adhesive TS230 Off-White

## Details

**STRONG ADHESIVE:** Bonds a variety of materials including plastics, glass, ceramic, fabric, and metal

**HIGHLY VERSATILE:** Ideal for furniture, cabinetry, appliances, electronics, automotive interiors, ceramics, and glass applications

**HIGH-TEMPERATURE RESISTANCE:** Can be used to bond many heat-sensitive materials

**ALL-IN-ONE SOLUTION:** Features a one-part adhesive that can be sprayed or rolled onto surfaces

**AMPLE OPEN TIME:** Provides up to 4 minutes of working time as the product cools to reposition and adjust surfaces

**FAST SET TIME:** Offers handling strength in approximately 150 seconds (lower temperatures may shorten open and set times)

## Typical properties

Adhesive Type: Polyurethane Reactive (PUR), Urethane

Application Method: Extruded from hand held or bench mounted applicators, It is dispensed with bulk application equipment

Application Temperature From (Celsius): -55 °C

Application Temperature To (Celsius): 80 °C

Assembly Type: Large Surface Lamination

Brands: Scotch-Weld™

Container Size (Imperial): 0.1 Gallon, 4.4 lb., 5 Gal. (US), 55 Gal. (US)

Container Size (Metric): 2 kg, 18.9 Liter, 208.2 Liter, 310 ml

Design Challenges: Impact & Shock Absorption

Full Cure Time: 24 hr

Hardness: 45 Shore D

Indoor/Outdoor: Both

Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, Metalworking, Military & Government, Packaging, Retail, Signage, Specialty Vehicle, Transportation, Woodworking

Open Time: 4 min

Physical Form: Liquid

Product Color: Off-white, White

Product Form: Bag, Gallon, Pound

Set Time: >61 Second

Smallest Saleable Unit: Bottle

Solids Weight Percent (Approximate): 100 %

Storage Temperature (Celsius): 16 to 27 °C

Storage Temperature (Fahrenheit): 60 to 80 Degree Fahrenheit

Units per Case: 1.0,5.0,6.0

Viscosity: Self-leveling

Work Time: 4 min

eClass 14 Classification Group: 23330104

# 3M™ Scotch-Weld™ Threadlocker TL22, Purple, 50 mL Bottle, 10/case

Part Number TL22 3M Product Number TL22 3M ID 7100039159

## Details

- Prevents nuts and bolts from loosening with vibration
- Fills and seals threads completely to help stop corrosion, rust and leaks
- Eliminates the need for lock washers and other locking components
- Purple, low removal torque
- Long open time anaerobic adhesives that cure quickly
- Helps keep production equipment up and running

## Typical properties

- Adhesive Type: Anaerobic
- Application: Equipment Maintenance
- Assembly Type: Small Joint Assembly
- Brands: Scotch-Weld™
- Breakaway Torque Strength: 30 lb.in - 100 lb.in
- Container Size (Imperial): 1.69 fl oz (US)
- Container Size (Metric): 50 ml
- Industries: General Industrial, MRO, Metalworking, Signage, Specialty Vehicle, Woodworking
- Maximum Operating Temperature (Celsius): 149 °C
- Maximum Operating Temperature (Fahrenheit): 300 °F
- Physical Form: Liquid
- Prevailing Torque Strength: 10 lb.in - 100 lb.in
- Product Color: Purple
- Product Type: Thread locker
- Removability: Removable with hand tools
- Set Time: 10 min - 30 min
- Storage Temperature (Celsius): 22°C
- Storage Temperature (Fahrenheit): 72 Degree Fahrenheit
- Threadlocking Strength: Low
- Viscosity Range (cps) at Room Temperature: 800-1,600
- eClass 14 Classification Group: 23330111

# **3M™ Scotch-Weld™ Urethane Adhesive 620NS, Black, Part B, 55 Gallon (50 Gallon Net), Drum**

3M Product Number 620NSBK 3M ID 7010309744 UPC 00076308141363

## **Details**

**MULTI-PURPOSE:** Adheres to a variety of similar and dissimilar substrates, including concrete, ceramic, wood, plastic, rubber, leather, and metal

**VERSATILE USE:** Made for construction and building, transportation, appliance repair, and a variety of other applications

**HIGH-STRENGTH BONDING:** Helps protect against environmental factors such as temperature, moisture, and chemical exposure

**NON-SAGGING FORMULA:** Stays in place after dispensing to minimize waste and control placement

**OPPORTUNITY TO ADJUST:** Allows up to 20 minutes before the product is fixed in place

**HANDLING TIME:** Offers handling strength in 4 hours

**CURING TIME:** Fully cured in 48 hours at a temperature of 72 °F (22 °C)

**PRODUCT OPTIONS:** Available in bulk form or a Duo-Pak (DP)

## **Typical properties**

Brands: Scotch-Weld™

Industries: Aerospace, Automotive, Defense, Metalworking, Military, Signage, Specialty Vehicle, Transportation, Woodworking

Surface Type: Rough

eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Urethane Adhesive DP620NS, Black, 48.5 mL Duo-Pak, 12/Case

Part Number 620 3M Product Number 620 3M ID 7100148737

## Details

**MULTI-PURPOSE:** Adheres to a variety of similar and dissimilar substrates, including concrete, ceramic, wood, plastic, rubber, leather, and metal

**VERSATILE USE:** Made for construction and building, transportation, appliance repair, and a variety of other applications

**HIGH-STRENGTH BONDING:** Helps protect against environmental factors such as temperature, moisture, and chemical exposure

**NON-SAGGING FORMULA:** Stays in place after dispensing to minimize waste and control placement

**OPPORTUNITY TO ADJUST:** Allows up to 20 minutes before the product is fixed in place

**HANDLING TIME:** Offers handling strength in 4 hours

**CURING TIME:** Fully cured in 48 hours at a temperature of 72 °F (22 °C)

**PRODUCT OPTIONS:** Available in bulk form or a Duo-Pak (DP)

## Typical properties

Adhesive Type: Urethane

Brands: Scotch-Weld™

Container Size (Imperial): 1.64 fl oz

Container Size (Metric): 48.5 mL

Design Challenges: Impact & Shock Absorption, Noise Vibration & Harshness Control NVH

Full Cure Time: 4 hr

Industries: Metalworking, Signage, Specialty Vehicle, Woodworking

Open Time: 20 min

Performance Level: Better

Physical Form: Liquid

Product Form: Cartridge

Set Time: 20 min

Shear Strength: 2800 psi

Smallest Saleable Unit: Each

Storage Temperature (Celsius): 16°C - 27°C

Surface Type: Rough

Units per Case: 12.0

Volume (Imperial): 1.71 fl oz

Volume (Metric): 48.5 mL

Work Life: 20 min

eClass 14 Classification Group: 23330109

# **3M™ Scotch-Weld™ Urethane Adhesive 620NS, Black, Part A, 55 Gallon (50 Gallon Net), Drum**

3M Product Number 620NSBK 3M ID 7010301034 UPC 00076308141455

## **Details**

**MULTI-PURPOSE:** Adheres to a variety of similar and dissimilar substrates, including concrete, ceramic, wood, plastic, rubber, leather, and metal

**VERSATILE USE:** Made for construction and building, transportation, appliance repair, and a variety of other applications

**HIGH-STRENGTH BONDING:** Helps protect against environmental factors such as temperature, moisture, and chemical exposure

**NON-SAGGING FORMULA:** Stays in place after dispensing to minimize waste and control placement

**OPPORTUNITY TO ADJUST:** Allows up to 20 minutes before the product is fixed in place

**HANDLING TIME:** Offers handling strength in 4 hours

**CURING TIME:** Fully cured in 48 hours at a temperature of 72 °F (22 °C)

**PRODUCT OPTIONS:** Available in bulk form or a Duo-Pak (DP)

## **Typical properties**

Brands: Scotch-Weld™

Industries: Appliance, Automotive, Construction, Electronics, General Industrial, Metalworking, Military, Signage, Specialty Vehicle, Transportation, Woodworking

Product Form: Each

Surface Type: Rough

eClass 14 Classification Group: 23330109

# **3M™ Scotch-Weld™ Urethane Adhesive 620NS, Black, Part B, 5 Gallon (Pail), Drum**

3M Product Number 620NSBK 3M ID 7010367262 UPC 00076308141356

## **Details**

**MULTI-PURPOSE:** Adheres to a variety of similar and dissimilar substrates, including concrete, ceramic, wood, plastic, rubber, leather, and metal

**VERSATILE USE:** Made for construction and building, transportation, appliance repair, and a variety of other applications

**HIGH-STRENGTH BONDING:** Helps protect against environmental factors such as temperature, moisture, and chemical exposure

**NON-SAGGING FORMULA:** Stays in place after dispensing to minimize waste and control placement

**OPPORTUNITY TO ADJUST:** Allows up to 20 minutes before the product is fixed in place

**HANDLING TIME:** Offers handling strength in 4 hours

**CURING TIME:** Fully cured in 48 hours at a temperature of 72 °F (22 °C)

**PRODUCT OPTIONS:** Available in bulk form or a Duo-Pak (DP)

## **Typical properties**

Brands: Scotch-Weld™

Container Size (Imperial): 5 gal

Container Size (Metric): 18.93 L

Industries: Aerospace, Automotive, Defense, Metalworking, Military, Signage, Specialty Vehicle, Transportation, Woodworking

Surface Type: Rough

eClass 14 Classification Group: 23330109

# **3M™ Scotch-Weld™ Urethane Adhesive 620NS, Black, Part A, 5 Gallon (Pail), Drum**

3M Product Number 620NS 3M ID 7010329537 UPC 00076308141448

## **Details**

**MULTI-PURPOSE:** Adheres to a variety of similar and dissimilar substrates, including concrete, ceramic, wood, plastic, rubber, leather, and metal

**VERSATILE USE:** Made for construction and building, transportation, appliance repair, and a variety of other applications

**HIGH-STRENGTH BONDING:** Helps protect against environmental factors such as temperature, moisture, and chemical exposure

**NON-SAGGING FORMULA:** Stays in place after dispensing to minimize waste and control placement

**OPPORTUNITY TO ADJUST:** Allows up to 20 minutes before the product is fixed in place

**HANDLING TIME:** Offers handling strength in 4 hours

**CURING TIME:** Fully cured in 48 hours at a temperature of 72 °F (22 °C)

**PRODUCT OPTIONS:** Available in bulk form or a Duo-Pak (DP)

## **Typical properties**

Brands: Scotch-Weld™

Container Size (Imperial): 5 gal

Container Size (Metric): 18.93 L

Industries: Appliance, Automotive, Construction, Electronics, Marine, Metalworking, Military, Signage, Specialty Vehicle, Transportation, Woodworking

Surface Type: Rough

eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ PUR Adhesive TE200

## Details

120 seconds set time  
Creates high-strength bonds that are plasticizer resistant  
Bonds to a variety of materials, including wood and many plastics  
100% solids formula with no VOCs  
Low viscosity for very thin bond lines or for covering large surfaces  
4 minute open time for joining parts together  
Contains UV dye to easily inspect the bond line with a black light  
Creates very thin bond lines (0.001" to 0.003") on wood  
Designed for use with the 3M™ Scotch-Weld™ PUR Applicator and unique disposable nozzles

## Typical properties

Adhesive Type: Polyurethane Reactive (PUR), Urethane  
Application Method: Extruded from hand held or bench mounted applicators, It is dispensed with bulk application equipment  
Application Temperature From (Celsius): -55 °C  
Application Temperature To (Celsius): 80 °C  
Brands: Scotch-Weld™  
Container Size (Imperial): 0.1 Gallon, 4.4 lb.  
Container Size (Metric): 2 kg, 310 ml  
Design Challenges: Impact & Shock Absorption  
Full Cure Time: 24 Hours @ 72 F (22 C), 24 hr  
Hardness: 60 Shore D  
Indoor/Outdoor: Both  
Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, Metalworking, Military & Government, Retail, Signage, Specialty Vehicle, Transportation, Woodworking  
Open Time: 4 min  
Physical Form: Liquid  
Product Color: White  
Product Form: Bag, Cartridge  
Set Time: >61 Second  
Smallest Saleable Unit: Bottle  
Solids Weight Percent (Approximate): 100 %  
Storage Temperature (Celsius): 16 to 27 °C  
Storage Temperature (Fahrenheit): 60 to 80 Degree Fahrenheit  
Units per Case: 5.0,6.0  
Viscosity: Self-leveling  
Work Time: 4 min  
eClass 14 Classification Group: 23330104



# **3M™ Plastic Bonding Adhesive 2665**

3M ID B00051300

## **Details**

One-component

Moisture curing

Reworkable adhesive enables the recovery of expensive touch display modules using debonding or rework machine

Precision dispensing for controlled bond line thickness

Thin, high strength bond lines enable thin device designs that have excellent drop test performance

Long open time enables customizable assembly process

Fast handling strength for high throughput, low cost assembly

Sealant for water and dust proofing the device

## **Typical properties**

eClass 14 Classification Group: 23330115

## **3M™ Metal Primer P592, Clear, 250 mL Bottle, 12/Case**

3M Product Number P592 3M ID 7000121492 UPC 00048011628080

### **Details**

Promotes adhesion and improves bond integrity  
Low viscosity, one component enables easy application  
Best for anodized aluminum, steel and galvanized metal

### **Typical properties**

Application Method: Brush, Flow  
Brands: 3M™  
Full Cure Time: 15 min  
Physical Form: Thin liquid  
Product Color: Transparent  
Product Form: Bottle  
Product Type: Primer  
Solids Weight Percent (Approximate): 1.50 %  
Tack-free Time: 15 min  
Units per Case: 12.0  
Volume (Imperial): 8.45 fl oz  
Volume (Metric): 250 mL  
eClass 14 Classification Group: 23330504

# **3M™ Auto Bedding and Glazing Compound**

3M ID B40067023

## **Details**

Designed for creating seal between rubber windshield gasket and auto body  
Non-hardening synthetic rubber-based formula is ideal as a glass bedding  
Suitable for use as supplementary sealer for auto glass  
Non-sagging properties are excellent for overhead and vertical auto seals  
One-part sealer applies without mixing and cleans quickly with a dry rag

## **Typical properties**

Application: Sealing, Windshield Installation  
eClass 14 Classification Group: 23330000

## **3M™ No Cleanup Replacement Nozzles**

3M ID B40066555

### **Details**

**HIGH-PERFORMANCE:** Siphon-feed tubes allow for tidy dispersion of corrosion-protection coatings

**DISPOSABLE NOZZLE:** Reduces mess and minimizes applicator clean-up

**TOTAL NO CLEANUP SOLUTION:** Designed for use with the 3M™ No Cleanup Applicator

**CLEANER COATING OPTIONS:** Compatible with various 3M™ No Cleanup Coatings

**8 NOZZLES PER BAG:** Offers an economical solution for operators, reducing reorders

### **Typical properties**

Application: Dispensing

eClass 14 Classification Group: 21045111

## **3M™ Thermal Bonding Film 583**

### **Details**

- Flexible
- Heat or solvent activation
- Can be die-cut
- Slight surface tack
- Heat crosslinkable option
- Lower temperature lamination of the nitrile phenolic film range

### **Typical properties**

- Curing Temperature (Celsius): 107 °C, 107 °F
- Curing Temperature (Fahrenheit): 225 °F
- Factory ISO Certification: No ISO Certification information available
- Maximum Operating Temperature (Celsius): 150 °C
- Maximum Operating Temperature (Fahrenheit): 300 °F
- Product Color: Brown
- Product Form: Roll
- Shear Strength: 14 psi
- eClass 14 Classification Group: 23330301

### **Dimensions and Classifications**

- Overall Length (Imperial): 3 yd, 60 yd, 180 yd, 360 yd
- Overall Length (Metric): 2.7 m, 54.9 m, 164.6 m, 329.184 m
- Overall Thickness (Metric): 5 mm
- Overall Width (Imperial): 0.5 in, 0.75 in, 1 in, 2 in, 3 in, 4 in, 6 in, 9 in, 10 in, 12 in, 18 in, 24 in

# **3M™ Pressure Sensitive Spray Adhesive 72, Blue, 24 fl oz Can (Net Wt 17.3 oz), 12/Case, NOT FOR SALE IN CA AND OTHER STATES**

3M Product Number 72 3M ID 7000046588 UPC 00021200300257

## **Details**

Pressure sensitive adhesive gains strength as pressure is applied  
Permanent tack ideal for many one-surface bond applications  
Low soak-in formula keeps adhesive on the surface  
Long open time allows bonds to be made hours or days after application  
Variable width lace spray pattern allows for precise dispensing

## **Typical properties**

Application Method: Spray  
Brands: 3M™  
Container Size (Imperial): 24 fl oz (US)  
Container Size (Metric): 710 ml  
Environmental Considerations: Helps contribute to LEED® credits  
Flame Retardant: Flammable  
Form: Aerosol  
Heat Resistance: 170 Degree Fahrenheit  
Heat Resistance (Celsius): 77 °C  
Industries: Construction, MRO, Specialty Vehicle, Transportation  
Open Time: 8 hr  
Product Color: Blue  
Product Form: Aerosol  
Spray Pattern: Variable Lace  
Units per Case: 12.0  
eClass 14 Classification Group: 23330115

# 3M™ Scotch-Weld™ Plastic & Rubber Instant Adhesive PR Gel

## Details

Bonds to a number of substrates, including plastics and rubbers  
Precise application: pinch container for a precise drop or squeeze for a steady bead  
Gel viscosity adhesive is easily applied from the bottle  
Strong, durable and long lasting bond on a variety of substrates  
Fast curing to keep projects moving quickly

## Typical properties

Adhesive Type: Instant Adhesive  
Brands: Scotch-Weld™  
Container Size (Imperial): 0.7 Ounce, 10.6 Ounce  
Container Size (Metric): 20 g, 300 g  
Design Challenges: Impact & Shock Absorption  
For Use On: Nylon, Glass, Elastomer, Silicone Gasket, Paint, Metal, Stone, Rubber (Except EPDM), Metal (Painted), EPDM Rubber, Plastic: HSE, MSE (ABS, Acrylic, Polycarbonate, Nylon), Plastic: LSE (Polypropylene, Polyethylene), High Surface Energy, (400-1100 Dynes/cm), Plastic (Flexible Vinyl), Smooth, Metal (Unpainted), Neoprene, Ceramic, Paint (Powder Coat, Painted Metal, Composite Panel), Rubber  
Full Cure Time: 24 Hours @ 72 F (22 C)  
Gap Fill (Imperial): 0.02 in  
Gap Fill (Metric): 0.508 mm  
Indoor/Outdoor: Both  
Industries: Construction, Consumer Goods, Electronics, General Industrial, MRO, Medical, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Maximum Operating Temperature (Celsius): 82 °C  
Maximum Operating Temperature (Fahrenheit): 180 °F  
Net Weight (Imperial): 0.71 oz  
Net Weight (Metric): 20 g  
Physical Form: Liquid  
Product Color: Transparent  
Product Form: Tube  
Set Time: 30-60 Seconds  
Shear Strength: 2200 psi  
Storage Temperature (Celsius): 4 °C  
Storage Temperature (Fahrenheit): 40 Degree Fahrenheit  
Units per Case: 12.0, 10.0  
Viscosity: Non-sag  
Viscosity Range (cps) at Room Temperature: Gel  
Volume (Imperial): 10.6 fl oz  
Volume (Metric): 314 mL  
Work Time: <25 Seconds  
eClass 14 Classification Group: 23330105

# 3M™ Scotch-Weld™ EPX Mixing Nozzles

## Details

Provides thorough mixing and precise placement of two-component structural adhesives

Tapered tip can be cut for bead size

Available in a variety of designs to fit all cartridge sizes

Minimize adhesive waste; easy to replace with new nozzle to use remaining adhesive in a cartridge

Used nozzle can be left on cartridge to provide a good seal until ready to continue dispensing

## Typical properties

Application: Dispensing, Mixing, Trim & Molding Attachment

Brands: Scotch-Weld™

Industries: Aerospace, Appliance, Automotive, Construction, Consumer Goods, Electrical, Electronics, General Industrial, MRO, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking

Material: Plastic

Net Weight (Imperial): 1.58 oz, 1.71 oz, 8.4 oz, 17.25 oz

Net Weight (Metric): 44.8 g, 48.5 g, 238.14 g, 489 g

Product Color: Green, Orange, Transparent, White

Product Form: Each, Roll

Product Type: Nozzle

Smallest Saleable Unit: Each

Tip Style: Static

Units per Case: 36.0, 12.0, 72.0, 1200.0, 2000.0

Volume (Imperial): 1.5 fl oz, 1.64 fl oz, 1.7 fl oz, 16.6 fl oz

Volume (Metric): 45 mL, 50 mL, 490 mL

eClass 14 Classification Group: 21045111



## **3M™ Fiberglass Matting Adhesive, 08277, 400 mL Cartridge, 6 per case**

3M ID 7000119846 UPC 00051135082775

### **Details**

A high performance low viscosity two component urethane adhesive  
Adhesive is used to saturate fiberglass cloth when preparing backup patches  
Secondary use includes filling cracks, channels and areas restricting the application of an adhesive bead  
Use with 3M™ Performance Manual Applicator, PN 08284 and 3M™ Static Mixing Nozzle, PN 08193

### **Typical properties**

Adhesive Type: Urethane  
Application: Bonding  
Brands: 3M™  
Case Quantity: 6  
Consistency: Paste  
Container Size (Imperial): 13.52 fl oz  
Container Size (Metric): 400 mL  
Container Type: Cartridge  
Cure Time: 24 hr  
Paint Time: 24 Hour  
Volume (Imperial): 13.5 fl oz  
Volume (Metric): 400 mL  
Work Life: 10 min  
eClass 14 Classification Group: 23330109

## **3M™ Rearview Mirror Adhesive**

3M ID B40066525

### **Details**

Two-part structural acrylic system designed to mount rear view mirrors  
Holds up well in high temperatures and humid environments  
Resistant to moisture, chemicals, vibration and impact  
Excellent low temperature curing  
Cures in 15 minutes, depending on environmental conditions

### **Typical properties**

eClass 14 Classification Group: 23330109

## **3M™ Semi-Rigid Parts Repair**

### **Details**

Fast-curing urethane chemistry enhances productivity  
Unique formula bonds a variety of semi-rigid plastics  
Adhesive reinforces two-sided repairs  
High-performance adhesive creates a lasting bond  
200 mL and 50 ml dual-syringe cartridge systems make application easier

### **Typical properties**

Adhesive Type: Two-Part Urethane  
Application: Plastic Repair  
Case Quantity: 6.0 Bags per Case  
Consistency: Paste  
Container Size (Imperial): 6.76 fl oz (US)  
Container Size (Metric): 200 ml  
Container Type: Cartridge  
Paint Time: 30 Minute  
Product Color: Black  
Sand Time: 30 Minute  
Volume (Imperial): 6.75 fl oz  
Volume (Metric): 200 mL  
Work Time: 1 min, 3 Minutes  
eClass 14 Classification Group: 22170790

# Dynatron™ 3 Pack Spreaders

## Details

Basic tools for better application of products  
4", 5" and 6" spreader pack ensures the right size for the job, improving efficiency and results  
Flexible edge allows for easy and accurate spreading of fillers, caulks, glazes and putties  
Cured material easily pops off the spreader surface for fast reuse  
Non-absorbent surface keeps filler and spreader clean and ready for use

## Typical properties

Application: Applying Body Filler  
Case Quantity: 144.0 Bags per Case, 24.0 Packs per Case  
Product Color: Yellow  
Product Type: Accessory

## Dimensions and Classifications

Overall Length (Imperial): 4 in, 6 in  
Overall Length (Metric): 101.6 mm, 152.4 mm  
Overall Width (Imperial): 3 in  
Overall Width (Metric): 76.2 mm, 152.4 mm

# **3M™ Hi-Strength Spray Adhesive 90CA, Low VOC <25%, Clear, 24 fl oz (Net Wt 19 oz), 12 Can/Case**

Part Number 90 3M Product Number 90 3M ID 7000121418

## **Details**

**FOR INDUSTRIAL USE ONLY:** This product is designed exclusively for industrial applications

**GO-TO SOLUTION:** A high-strength, fast, contact-type adhesive

**SPECIAL DISPENSING:** Comes with a variable-width web spray pattern

**A RESILIENT OPTION:** Offers high-temperature and moisture resistance

**MADE FOR PROFESSIONALS:** Provides industrial-strength bonding for demanding applications

Bonds a wide range of lightweight materials, including paper, cardboard, fabric and insulation

## **Typical properties**

Application: Edge Band Wood Panel Bonding, Gasket Assembly, Large Surface Lamination Assembly

Application Method: Spray

Assembly Type: Gasket Attachment

Brands: 3M™

Case Quantity: 12.0 Bags per Case

Container Size (Imperial): 24 fl oz (US)

Container Size (Metric): 710 ml

Environmental Considerations: California Air Resources Board, GREENGUARD® Certified, Helps contribute to LEED® credits, Low VOC, Ozone Transport Commission, SCAQMD

Flame Retardant: Flammable

Form: Aerosol

Industries: Construction, Furniture, General Industrial, MRO, Specialty Vehicle, Transportation, Woodworking

Open Time: 1 min - 10 min

Product Color: Transparent

Product Form: Aerosol

Solids Weight Percent (Approximate): 13 %

Spray Pattern: Variable Lace

Units per Case: 12.0

eClass 14 Classification Group: 23330115

## **3M™ Adhesion Promoter 86A, Transparent, 1 pt**

Part Number 86A 3M Product Number 86A 3M ID 7000002051

### **Details**

Allows for faster initial adhesion build rate of 3M™ Polyurethane Protective Tapes and Boots  
Designed for use with acrylic adhesive for maximum adhesion  
Pre-saturated wipes save time  
Promotes adhesion to certain types of surfaces, such as polyurethane paint, epoxy primers or epoxy composites

### **Typical properties**

Brands: 3M™  
Chemical Base: Polyamide  
Composition: Solvent Based  
Cure Temperature: Room Temperature  
Factory ISO Certification: No ISO Certification information available  
Product Type: Adhesion Promoter  
Surface Treatment: No  
Surface Type: Plastic  
Volume (Imperial): 1 pt  
Volume (Metric): 473.18 mL  
eClass 14 Classification Group: 23330504

## **3M™ Aerospace Sealant AC-350 B-2, qt Kit, 9 Kit/Case**

Part Number AC-350 3M Product Number AC-350 3M ID 7000048213

### **Details**

Sealant resists aviation fuels and chemicals commonly used throughout the aviation industry

Various work lives and cure rates help meet a variety of process demands

Available in Class A, B and C to meet a range of requirements

Maintains bond strength on many metal, composite and coated substrates

Low shrinkage results in less rework

### **Typical properties**

Application: Sealing

Application Life: 2 Hour

Brands: 3M™

Container Size (Imperial): 1 Quart

Cure Type: Fast Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 24 Ounce

Sealant Class: B

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-350 B-4, 3.5 oz Kit, 24 Kit/Case**

Part Number AC-350 3M Product Number AC-350 3M ID 7000048214

### **Details**

Sealant resists aviation fuels and chemicals commonly used throughout the aviation industry

Various work lives and cure rates help meet a variety of process demands

Available in Class A, B and C to meet a range of requirements

Maintains bond strength on many metal, composite and coated substrates

Low shrinkage results in less rework

### **Typical properties**

Application: Sealing

Application Life: 4 Hour

Brands: 3M™

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

eClass 14 Classification Group: 22171000



## **3M™ Aerospace Sealant AC-350 B-1/4, 3.5 oz Kit, 24 Kit/Case**

Part Number AC-350 3M Product Number AC-350 3M ID 7000123234

### **Details**

Sealant resists aviation fuels and chemicals commonly used throughout the aviation industry

Various work lives and cure rates help meet a variety of process demands

Available in Class A, B and C to meet a range of requirements

Maintains bond strength on many metal, composite and coated substrates

Low shrinkage results in less rework

### **Typical properties**

Application: Sealing

Application Life: 15 Minute

Brands: 3M™

Container Size (Imperial): 6 Ounce

Cure Type: Fast Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 3.5 Ounce

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-350 A-2, qt Kit, 9 Kit/Case**

Part Number AC-350 3M Product Number AC-350 3M ID 7100166421

### **Details**

Sealant resists aviation fuels and chemicals commonly used throughout the aviation industry

Various work lives and cure rates help meet a variety of process demands

Available in Class A, B and C to meet a range of requirements

Maintains bond strength on many metal, composite and coated substrates

Low shrinkage results in less rework

### **Typical properties**

Application: Sealing

Application Life: 2 Hour

Brands: 3M™

Container Size (Imperial): 1 Quart

Cure Type: Fast Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 24 Ounce

Sealant Class: A

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-350 B-1/2, qt Kit, 9 Kit/Case**

Part Number AC-350 3M Product Number AC-350 3M ID 7010370386

### **Details**

Sealant resists aviation fuels and chemicals commonly used throughout the aviation industry

Various work lives and cure rates help meet a variety of process demands

Available in Class A, B and C to meet a range of requirements

Maintains bond strength on many metal, composite and coated substrates

Low shrinkage results in less rework

### **Typical properties**

Application: Sealing

Application Life: 30 Minute

Brands: 3M™

Container Size (Imperial): 1 Quart

Cure Type: Fast Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 24 Ounce

Sealant Class: B

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-350 B-1/2, 2 oz Kit, 24 Kit/Case**

Part Number AC-350 3M Product Number AC-350 3M ID 7100087508

### **Details**

Sealant resists aviation fuels and chemicals commonly used throughout the aviation industry

Various work lives and cure rates help meet a variety of process demands

Available in Class A, B and C to meet a range of requirements

Maintains bond strength on many metal, composite and coated substrates

Low shrinkage results in less rework

### **Typical properties**

Application: Sealing

Application Life: 30 Minute

Brands: 3M™

Container Size (Imperial): 2.5 Ounce

Cure Type: Fast Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 2 Ounce

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-350 B-1/2, 5 gal Kit, 1 Kit/Case**

Part Number AC-350 3M Product Number AC-350 3M ID 7010332354

### **Details**

Sealant resists aviation fuels and chemicals commonly used throughout the aviation industry

Various work lives and cure rates help meet a variety of process demands

Available in Class A, B and C to meet a range of requirements

Maintains bond strength on many metal, composite and coated substrates

Low shrinkage results in less rework

### **Typical properties**

Application: Sealing

Application Life: 30 Minute

Brands: 3M™

Container Size (Imperial): 5 Gallon

Cure Type: Fast Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 5 Gallon

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-350 B-1/2, 25 g Kit, 50 Kit/Case**

Part Number AC-350 3M Product Number AC-350 3M ID 7100094223

### **Details**

Sealant resists aviation fuels and chemicals commonly used throughout the aviation industry

Various work lives and cure rates help meet a variety of process demands

Available in Class A, B and C to meet a range of requirements

Maintains bond strength on many metal, composite and coated substrates

Low shrinkage results in less rework

### **Typical properties**

Application: Sealing

Application Life: 30 Minute

Brands: 3M™

Container Size (Imperial): 0.882 Ounce

Container Size (Metric): 25 g

Cure Type: Fast Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 0.5 Ounce

Sealant Class: B

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-350 B-4, qt Kit, 9 Kit/Case**

Part Number AC-350 3M Product Number AC-350 3M ID 7010370398

### **Details**

Sealant resists aviation fuels and chemicals commonly used throughout the aviation industry

Various work lives and cure rates help meet a variety of process demands

Available in Class A, B and C to meet a range of requirements

Maintains bond strength on many metal, composite and coated substrates

Low shrinkage results in less rework

### **Typical properties**

Application: Sealing

Application Life: 4 Hour

Brands: 3M™

Container Size (Imperial): 1 Quart

Cure Type: Fast Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 24 Ounce

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-350 B-1/4, 2 oz Kit, 24 Kit/Case**

Part Number AC-350 3M Product Number AC-350 3M ID 7100094360

### **Details**

Sealant resists aviation fuels and chemicals commonly used throughout the aviation industry

Various work lives and cure rates help meet a variety of process demands

Available in Class A, B and C to meet a range of requirements

Maintains bond strength on many metal, composite and coated substrates

Low shrinkage results in less rework

### **Typical properties**

Application: Sealing

Application Life: 15 Minute

Brands: 3M™

Container Size (Imperial): 2.5 Ounce

Cure Type: Fast Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 2 Ounce

eClass 14 Classification Group: 22171000



## **3M™ Aerospace Sealant AC-350 B-1/4, 25 g Kit, 50 Kit/Case**

Part Number AC-350 3M Product Number AC-350 3M ID 7100094361

### **Details**

Sealant resists aviation fuels and chemicals commonly used throughout the aviation industry

Various work lives and cure rates help meet a variety of process demands

Available in Class A, B and C to meet a range of requirements

Maintains bond strength on many metal, composite and coated substrates

Low shrinkage results in less rework

### **Typical properties**

Application: Sealing

Application Life: 15 Minute

Brands: 3M™

Container Size (Imperial): 1 Ounce

Cure Type: Fast Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 0.5 Ounce

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-350 A-2, 2 oz Kit, 24 Kit/Case**

Part Number AC-350 3M Product Number AC-350 3M ID 7100094362

### **Details**

Sealant resists aviation fuels and chemicals commonly used throughout the aviation industry

Various work lives and cure rates help meet a variety of process demands

Available in Class A, B and C to meet a range of requirements

Maintains bond strength on many metal, composite and coated substrates

Low shrinkage results in less rework

### **Typical properties**

Application: Sealing

Application Life: 2 Hour

Brands: 3M™

Container Size (Imperial): 2.5 Ounce

Cure Type: Fast Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 2 Ounce

Sealant Class: A

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-350 A-2, 5 gal Kit, 1 Kit/Case**

Part Number AC-350 3M Product Number AC-350 3M ID 7100055462

### **Details**

Sealant resists aviation fuels and chemicals commonly used throughout the aviation industry

Various work lives and cure rates help meet a variety of process demands

Available in Class A, B and C to meet a range of requirements

Maintains bond strength on many metal, composite and coated substrates

Low shrinkage results in less rework

### **Typical properties**

Application: Sealing

Application Life: 2 Hour

Brands: 3M™

Container Size (Imperial): 5 Gallon

Cure Type: Fast Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 5 Gallon

Sealant Class: A

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-350 A-2, 25 g Kit, 50 Kit/Case**

Part Number AC-350 3M Product Number AC-350 3M ID 7000048250

### **Details**

Sealant resists aviation fuels and chemicals commonly used throughout the aviation industry

Various work lives and cure rates help meet a variety of process demands

Available in Class A, B and C to meet a range of requirements

Maintains bond strength on many metal, composite and coated substrates

Low shrinkage results in less rework

### **Typical properties**

Application: Sealing

Application Life: 2 Hour

Brands: 3M™

Container Size (Imperial): 1 Ounce

Cure Type: Fast Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 0.5 Ounce

Sealant Class: A

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-350 B-4, 4.5 oz Kit, 24 Kit/Case**

Part Number AC-350 3M Product Number AC-350 3M ID 7000048215

### **Details**

Sealant resists aviation fuels and chemicals commonly used throughout the aviation industry

Various work lives and cure rates help meet a variety of process demands

Available in Class A, B and C to meet a range of requirements

Maintains bond strength on many metal, composite and coated substrates

Low shrinkage results in less rework

### **Typical properties**

Application: Sealing

Application Life: 4 Hour

Brands: 3M™

Container Size (Imperial): 6 Ounce

Cure Type: Fast Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 4.5 Ounce

eClass 14 Classification Group: 22171000

# 3M™ Scotch-Weld™ Epoxy Adhesive EC-2216 B/A

## Details

- 2:3 mix ratio simplifies mixing
- 90 minute work time allows for positioning and adjusting for fit prior to setting
- Available in bulk or duo-pak cartridges
- Flexible to withstand vibration
- Outstanding environmental performance
- High peel and shear strength for strong bonds in critical applications
- Excellent for creating bonds that can be used at cryogenic temperatures
- Widely used for composite laminate edge sealing

## Typical properties

- Adhesive Type: Epoxy
- Container Size (Imperial): 0.42 gal, 1 gal, 1 pt, 1 qt, 1.69 fl oz, 2 oz
- Container Size (Metric): 0.47 L, 0.95 L, 1.6 L, 3.79 L, 50 mL, 56.7 g
- Cure Rate: 7 days
- Cure Temperature: Room Temperature
- Density: 1.3 g/cc, 1.3 Gram per Liter
- Factory ISO Certification: No ISO Certification information available
- Percent Volatile: 0.06 %
- Product Form: Kit(set)
- Time to Handling Strength: 8 hr - 12 hr
- Work Life: 90 min
- eClass 14 Classification Group: 23330109

# **3M™ Scotch-Weld™ Neoprene High Performance Rubber and Gasket Adhesive EC-1300**

## **Details**

High immediate strength when bonding to a variety of materials  
Fast drying and great for processes with a 10-20 minute open time, objects may be handled immediately reducing down time  
Adheres neoprene, styrene-butadiene rubber (SBR), butyl and other types of rubbers to other various substrates  
Excellent heat resistance and will perform at temperatures up to 300°F/148°C  
Can be applied by spray, brush or roller allowing for a variety of application methods to meet the specific demands of the job

## **Typical properties**

Adhesive Type: Pressure-sensitive  
Application: Metal Bonding, Rubber Bonding  
Brands: Scotch-Weld™  
Container Size (Imperial): 1 Pint, 1 Quart, 1 Gallon, 5 fl oz (US), 5 Gallon  
Container Size (Metric): 3.785 Liter, 18.927 Liter, 147.868 ml, 568.261 ml, 946.353 ml  
Cure Temperature: Room Temperature  
Density: 0.88 g/cc  
Factory ISO Certification: No ISO Certification information available  
Form: Liquid  
Product Color: Yellow  
Product Form: Gallon, Pint, Tube  
Product Type: Adhesive  
Surface Type: Butyl Rubber, Metal, Neoprene, Plastic, SBR, Wood  
eClass 14 Classification Group: 23330115

# 3M™ Scotch-Weld™ Structural Adhesive Film AF 555

## Details

Structural adhesive film with long-term durability on honeycomb  
Offers pre-bond humidity performance on composite substrates  
One year out time at ambient conditions  
Excellent shop handling characteristics

## Typical properties

Adhesive Type: Epoxy  
Application: Bonding, Structural Bonding, Surfacing  
Cure Rate: 1 hr  
Curing Temperature (Celsius): 177 °C  
Curing Temperature (Fahrenheit): 350 °F  
Density: 1.06 g/cc  
Factory ISO Certification: No ISO Certification information available  
Maximum Operating Temperature (Celsius): 163 °C  
Maximum Operating Temperature (Fahrenheit): 325 °F  
Minimum Operating Temperature (Celsius): -55 °C  
Minimum Operating Temperature (Fahrenheit): -67 °F  
Nominal Weight (Imperial): 0.015 lb/ft<sup>2</sup>, 0.05 lb/ft<sup>2</sup>, 0.075 lb/ft<sup>2</sup>  
Product Color: Orange  
Product Form: Roll  
Storage Environment: Freezer Storage  
Substrate: Composite, Metal  
eClass 14 Classification Group: 23330301

## Dimensions and Classifications

Overall Length (Imperial): 50 yd  
Overall Length (Metric): 45.7 m  
Overall Width (Imperial): 3.5 in, 4 in, 7 in, 10 in, 36 in  
Overall Width (Metric): 0.9 m, 89 mm, 102 mm, 178 mm, 254 mm



# 3M™ Scotch-Weld™ Urethane Adhesive EC-3532 B/A

## Details

Two-component, urethane adhesive cures at room temperature for convenient easy use

Strong, impact-resistant structural bonds meet tough specifications and requirements

Excellent adhesion to many primed or painted metal and plastic substrates minimizes prep

Designed to develop sag resistance approximately 30 seconds after mixing to keep processes moving

5-15 minute work life and 24 hour cure time provide fast results

## Typical properties

Adhesive Type: Urethane

Container Size (Imperial): 1 qt, 1.69 fl oz, 4 fl oz, 6.76 fl oz

Container Size (Metric): 0.95 L, 50 mL, 118.29 mL, 200 mL

Cure Rate: 24 hr

Cure Temperature: Room Temperature

Density: 1.31 g/cc

Factory ISO Certification: No ISO Certification information available

Time to Handling Strength: 3-4 Hours, 4 hr

Volume (Imperial): 10 gal

Volume (Metric): 37.854 L

Work Life: 5 min - 15 min

eClass 14 Classification Group: 23330109

## **3M™ Mix & Dispense Equipment - Injection Kit Mixers**

### **Details**

Provides thorough mixing of two-component material filled in a cartridge kit  
Machine mixing ensures consistent end product  
Automatic timer shuts the motor off at your prescribed time  
Robust and sturdy for heavy industrial use

### **Typical properties**

Application: Sealing  
Brands: 3M™  
Equipment Type: Mixer  
Factory ISO Certification: No ISO Certification information available  
Operating Voltage: 115 V, 230 V  
Product Form: Each  
Product Type: Mixer

# 3M™ Scotch-Weld™ Epoxy Adhesive 2214, Hi-Temp, Gray, 6 fl oz Cartridge, 6 Each/Case

3M Product Number 2214 3M ID 7000121274 UPC 00021200208065

## Details

**A VARIETY OF SUBSTRATES:** Ideal for bonding metals, fiberglass, polyester, phenolics, and many more  
**MULTI-PURPOSE APPLICATIONS:** Works for high-temperature jobs in specialty vehicles, consumer goods, electronics, general industrial, metalworking, signage, transportation, and many more  
**FOR HIGH TEMPERATURES:** Ideal for bonding metals and other substrates within a temperature range of 180 °F to 350 °F (82 °C to 177 °C)  
**SMOOTH BOND LINES:** Provides precision bonding that is nearly invisible  
**TIME FOR REWORK:** Allows rework until heat is applied  
**FAST HEAT CURING:** Fully cured in 40 minutes at 250 °F (121 °C)  
**FLAMMABILITY RATING:** Meets the standard for UL 94 HB  
**COLOR:** Gray

## Typical properties

Adhesive Type: Epoxy  
Brands: Scotch-Weld™  
Container Size (Imperial): 6 fl oz (US)  
Container Size (Metric): 177.44 ml  
Design Challenges: Impact & Shock Absorption, Noise Vibration & Harshness Control NVH  
Flame Retardant: UL94 HB  
Full Cure Time: 40 min @ 250 °F (121 °C)  
Hardness: 88 Shore D  
Indoor/Outdoor: Both  
Industries: Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Physical Form: Paste  
Product Color: Gray  
Product Form: Cartridge  
Product Type: Epoxy Adhesive  
Shear Strength: 2000 psi  
Specific Gravity: 1.44  
Storage Temperature (Celsius): 4.0 °C  
Storage Temperature (Fahrenheit): 40.0 °F  
Units per Case: 6.0  
Viscosity: Non-sag  
Viscosity Range (cps) at Room Temperature: 1000000+  
Volume (Imperial): 6 fl oz  
Volume (Metric): 177 mL  
eClass 14 Classification Group: 23330109

# **3M™ All Purpose Fast Cure Filler, 05221, 9.3 fl oz (276 mL), 6 per case**

3M ID 7100079535 UPC 00051131052215

## **Details**

- Extra creamy formula spreads easily
- Formula cures faster in cooler temperatures
- Stain and tack-free formula increases quality and work efficiency
- Fewer pinholes delivers more professional results
- Shorter cycle times boosts productivity
- Dynamic Mixing System (DMS) reduces product waste

## **Typical properties**

- Application: Dent Fill
- Brands: 3M™
- Case Quantity: 6.0 Cartridges per Case
- Consistency: Paste
- Container Size (Imperial): 9.33 fl oz (US)
- Container Size (Metric): 276 ml
- Container Type: Cartridge
- Container Volume: 9.3 fl oz (US)
- Dry Time: 15 min
- Handling Time: 4 min
- Paint Time: 45 Minute
- Performance Level: Best
- Product Color: Gray
- Product Type: Premium Body Filler
- Sand Time: 15 Minute
- Volume (Imperial): 9.3 fl oz
- Volume (Metric): 276 mL
- Work Time: 4 min
- eClass 14 Classification Group: 22170700

# 3M™ Scotch-Weld™ Epoxy Adhesive 2214 Hi-Temp New Formula

## Details

A VARIETY OF SUBSTRATES: Ideal for bonding metals, fiberglass, polyester, phenolics, and many more

VERSATILE USE: Ideal for use in construction, specialty vehicle, consumer goods, electronics, metalworking, and more

HIGH-STRENGTH: Maintains a strong bond in demanding conditions

FOR EXTREME TEMPERATURES: Ideal for bonding metals and other substrates within a temperature range of -67 °F to 350 °F (-55 °C to 177 °C)

TIME FOR REWORK: Allows rework until heat is applied

FAST HEAT CURING: Fully cured in 60 minutes at 250 °F (121 °C)

FLAMMABILITY RATING: Meets the standard for UL 94 HB

COLOR: Gray

## Typical properties

Adhesive Type: Epoxy

Brands: Scotch-Weld™

Container Size (Imperial): 5 Gallon, 6 fl oz (US)

Container Size (Metric): 18.93 Liter, 177.44 ml

Design Challenges: Impact & Shock Absorption, Noise Vibration & Harshness Control NVH

Flame Retardant: UL94 HB

Full Cure Time: 1 Hour @ 250 F (121 C)

Hardness: 85 Shore D

Indoor/Outdoor: Both

Industries: Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking

Physical Form: Paste

Product Color: Gray

Product Form: Cartridge, Gallon

Product Type: Epoxy Adhesive

Shear Strength: 2800 psi

Smallest Saleable Unit: Each

Specific Gravity: 1.44

Storage Temperature (Celsius): 4.0 °C

Storage Temperature (Fahrenheit): 40.0 °F

Units per Case: 1.0,6.0

Viscosity: Non-sag

Viscosity Range (cps) at Room Temperature: 1000000+

Volume (Imperial): 5 gal, 6 fl oz

Volume (Metric): 177 mL

eClass 14 Classification Group: 23330109

## **3M™ Scotch-Weld™ Repair Paste 2220, 48.5 mL Cartridge, 6 Each/Case**

Part Number RP-2220 3M Product Number RP-2220 3M ID 7100159064

### **Details**

Helps reduce Aircraft on Ground (AOG) time and total cost; can be applied directly to repair damaged areas of 3M Polyurethane Protective Tape  
In-place reparability helps reduce waste and downtime  
Duo-Pak cartridges eliminate the need for weighing and hand-mixing  
No intentionally added solvent in composition helps reduce shrinkage and rework  
Compatible with 3M™ Polyurethane Protective Tape 8734NA and 8730NA, plus a wide variety of urethane films and coatings  
Urethane designed for erosion resistance even in the harshest conditions, including rain and sand erosion  
Suitable for repair of 3M Polyurethane Protective Tape and other protective tapes used on aircraft and engine components  
Convenient 50 ml Duo-Pak Cartridges for easy application with minimal waste

### **Typical properties**

Brands: Scotch-Weld™  
Factory ISO Certification: No ISO Certification information available  
Form: Paste  
Product Color: Transparent  
eClass 14 Classification Group: 22170790

# 3M™ Scotch-Weld™ EPX Plungers for Manual Applicators

## Details

Provides even pressure for dispensing different mix ratios  
Correct mixing maximizes effectiveness and minimizes waste  
Finely grooved drive-track provides smooth, graduated operation  
Authentic 3M Scotch-Weld EPX accessories

## Typical properties

Brands: Scotch-Weld™

Equipment Type: Application Tool, Plunger

Industries: Aerospace, Appliance, Automotive, Construction, Consumer Goods, Electronics, General Industrial, MRO, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking

Product Color: Black

Product Form: Each

Product Type: Plunger

Smallest Saleable Unit: Each

Units per Case: 10.0

Volume (Imperial): 1.76 fl oz

Volume (Metric): 50 mL

# 3M™ Scotch-Weld™ Epoxy Adhesive 1838L, Translucent, Part B/A, 2 Quart, 6 Kit/Case

3M Product Number 1838L 3M ID 7000036224 UPC 00021200226465

## Details

Formulated to create rigid bonds for reliable adhesion  
Offers tough, strong bonds through high shear strength  
Low viscosity for flowable applications  
Extended work-life allows extra time for adjustment and positioning to achieve ideal results  
Suitable for a wide variety of metals, woods and some plastics

## Typical properties

Adhesive Type: Epoxy  
Application: Bonding  
Brands: Scotch-Weld™  
Container Size (Imperial): 1 qt  
Container Size (Metric): 0.95 L  
Hardness: 80 - 85 Shore D  
Industries: Construction, Consumer Goods, Electronics, General Industrial, Military & Government, Specialty Vehicle, Transportation  
Open Time: 60 min @ 72 °F (22 °C)  
Physical Form: Liquid  
Product Form: Kit  
Set Time: 8 hr  
Shear Strength: 2500 psi  
Specific Gravity: 1.07  
Storage Temperature (Celsius): 22°C  
Storage Temperature (Fahrenheit): 72 Degree Fahrenheit  
Units per Case: 6.0  
Viscosity Range (cps) at Room Temperature: 10000  
Volume (Imperial): 1 qt  
Volume (Metric): 0.9 L  
eClass 14 Classification Group: 23330109



# 3M™ Hi-Tack Composite Spray Adhesive 71

## Details

Specifically designed to optimize the ultimate strength of resin-infused composite parts

Consistent fine mist spray with high adhesive solids content for exceptional coverage

Available in clear, or in green for better visual control during application

Meets CARB and OTC VOC requirements

Ideal for use in a wide variety of composite production materials

Formulated to have little to no intrusion in the resin infusion process to reduce delamination risk

Fast tack and high strength, with excellent shear holding power

Ideally suited to the dry lay up in the resin infusion composite process

## Typical properties

Adhesive Type: Synthetic Rubber

Brands: 3M™

Container Size (Imperial): 24 fl oz (US), 30 lb.

Container Size (Metric): 13.6 kg, 710 ml

Environmental Considerations: California Air Resources Board, GREENGUARD® Certified, Helps contribute to LEED® credits, Low VOC, Ozone Transport Commission, SCAQMD

Form: Aerosol

Industries: Appliance, Automotive, Construction, Electronics, Marine, Metalworking, Military, Specialty Vehicle, Transportation, Woodworking

Product Color: Transparent

Product Form: Can, Each

Product Type: Spray Adhesives

Smallest Saleable Unit: Each

Spray Pattern: Mist

Surface Type: Fabric, Fiberglass, Wood

eClass 14 Classification Group: 23330115

## **3M™ Adhesion Promoter N210**

3M ID B5005003001

### **Details**

Helps improve adhesion of attachment tape to automotive exterior trim parts  
Formulated to work with both 3M™ Acrylic Foam and Acrylic Plus Tapes  
Ready to use with a pressurized flow gun, knurled roller, or other similar type applicator  
Initial drying time is less than one minute in most circumstances  
Ultimate adhesion generally occurs after 24 hours

### **Typical properties**

eClass 14 Classification Group: 23330504

## **3M™ Foam Fast 74 Spray Adhesive**

### **Details**

Designed specifically for foams and fabrics  
Dispenses with a lace-spray pattern optimized for foam bonding  
Provides professional, industrial strength for demanding applications  
Offers a fast, aggressive tack for a quick assembly of high-stress bonds  
Allows for a bond time of 15 seconds to 30 minutes  
This is the bulk version of the product

### **Typical properties**

Application: Large Surface Lamination Assembly  
Application Method: Brush, Roll, Spray  
Assembly Type: Large Surface Lamination  
Brands: 3M™  
Container Size (Imperial): 55 Gallon  
Container Size (Metric): 208.2 Liter  
Form: Liquid  
Heat Resistance: 170 Degree Fahrenheit  
Heat Resistance (Celsius): 77 °C  
Industries: Automotive, Consumer Goods, Furniture, General Industrial, Specialty Vehicle, Transportation  
Open Time: 1 - 15 min  
Physical Form: Medium liquid  
Product Color: Orange, Transparent  
Product Form: Bulk  
Solids Weight Percent (Approximate): 22 %  
Spray Pattern: Lace  
Units per Case: 1.0  
eClass 14 Classification Group: 23330115

# **3M™ Structural Adhesive Tape SAT1100S**

3M Product Number SAT1100S 3M ID B5005408000

## **Details**

- Bonds and isolates dissimilar materials
- Provides sealing and gap filling properties
- Simplifies product processes associated with the use of liquids or mechanical attachment
- Electrically isolates to help prevent galvanic corrosion
- Enables automated application to increase productivity
- Reduces application variability

## **Typical properties**

eClass 14 Classification Group: 23330301

## **3M™ OEM Match Wing Nozzle Tip**

### **Details**

The customizable 3M™ OEM Match Wing Nozzle Tips help technicians replicate the appearance of OEM seam sealer beads on door skins and hem flanges. Used with one-part (1K) and two-part (2K) seam sealers, the tip can be trimmed to control the bead width.

The tip's wing can be trimmed to help position the sealer a precise distance from the edge of the panel during application.

Available in two styles, to fit a wide variety of 1-part and 2-part seam sealers. The 1K version threads directly onto 3M aluminum cartridges while the 2K option friction fits to square-tube applicator and mixing nozzles.

Part of the 3M™ OEM Match family of tips and sealants that can help technicians quickly match OEM seams sealer beads.

Built for single-use with no cleanup required.

### **Typical properties**

Application: OEM Replication, Sealing, Seam and Joint Sealing

Attachment Type: Push-to-fit, Threaded

Brands: 3M™

Case Quantity: 50.0 per Case

Industries: Automotive, Specialty Vehicle, Transportation

Inner Packs per Case: 5 Packs per Case

Material: Plastic

Product Color: White

Product Form: Tip

Product Type: Nozzle

Tip Style: Sealer

Units per Case: 50.0

eClass 14 Classification Group: 21061191

### **Dimensions and Classifications**

Overall Length (Imperial): 2.99 in, 3.62 in

Overall Length (Metric): 76 mm, 92 mm

# **Bondo® Original Filler Ready Mix Pouches, OR-2PK-ES**

3M ID B5005505002 UPC 00076308425913

## **Details**

ALL PURPOSE SOLUTION for repairing dents, dings, and scratches in your home or on your car  
READY MIX POUCHES include the original 2-part formula of filler and hardener  
SAVE TIME with guess-free, ready-mix pouches that eliminate the need to measure filler and hardener  
DURABLE FORMULA fixes dents up to 3.5" wide  
INTERIOR OR EXTERIOR USE on dents, dings, and scratches in your home or on your car  
TWO-PART TECHNOLOGY chemically bonds to the surface for permanent repair  
CONTENTS INCLUDE 2 hardener pouches, 2 filler pouches, and a spreader  
NON-SHRINKING FORMULA is permanently durable  
PAINTABLE FORMULA is compatible with most paints  
WORKABLE for 3-4 minutes once filler and hardener are mixed together  
SANDABLE IN 20 MINUTES for same-day repairs  
TOP COAT of Bondo® Glazing and Spot Putty is recommended to fill pin holes and small imperfections for a smooth finish  
WATER RESISTANT when painted or sealed  
MIXES LIGHT BLUE when filler and hardener are mixed together  
FILL STAGE of 3M™ Body Repair System

## **Typical properties**

Brands: Scotch®  
eClass 14 Classification Group: 22170700

# 3M™ Scotch-Weld™ Epoxy Adhesive DP190 Gray

## Details

**MULTI-PURPOSE:** Ideal for metals, ceramics, wood, fiberboard, glass, and most plastics

**VERSATILE USE:** Made for construction and building, aircraft and automobile manufacturing, appliance repair, and a variety of other applications

**HIGH-PERFORMANCE:** Helps maintain the impact of environmental aging

**STRONG BONDS:** Offers a firm hold with a moderate amount of flexibility and elongation

**AMPLE WORKING TIME:** Allows up to 90 minutes of project readjustment and repositioning

**HANDLING TIME:** Reaches handling strength in 8-12 hours

**CURING TIME:** Fully cured in 7 days at a temperature of 73 °F (23 °C)

**PRODUCT OPTIONS:** Available in bulk form or a Duo-Pak (DP)

## Typical properties

Adhesion Strength (Imperial): 800 oz/in

Adhesive Type: Epoxy

Application: Bonding, Encapsulating, Potting, Sealing

Brands: Scotch-Weld™

Container Size (Imperial): 1.64 fl oz, 6.76 fl oz, 13.52 fl oz

Container Size (Metric): 48.5 mL, 200 mL, 400 mL

Full Cure Time: 14 days

Hardness: 60 Shore D

Industries: Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking

Open Time: 90 min @ 72 °F (22 °C)

Performance Level: Best

Physical Form: Flowable Liquid

Product Form: Cartridge

Set Time: 8 hr - 12 hr

Shear Strength: 2500 psi

Specific Gravity: 1.32

Specifications Met: UL 94 HB

Storage Temperature (Celsius): 16°C - 27°C

Storage Temperature (Fahrenheit): 60 °F - 80 °F

Surface Type: Smooth

Units per Case: 12.0,6.0

Viscosity Range (cps) at Room Temperature: 10000

Volume (Imperial): 1.71 fl oz, 6.76 fl oz, 13.52 fl oz

Volume (Metric): 48.5 mL, 200 mL, 400 mL

Work Life: 90 min

eClass 14 Classification Group: 23330109

# 3M™ Foam Fast 74 Cylinder Spray Adhesive

## Details

Designed specifically for foams and fabrics  
Dispenses with a lace-spray pattern optimized for foam bonding  
Provides professional, industrial strength for demanding applications  
Offers a fast, aggressive tack for a quick assembly of high-stress bonds  
Allows for a bond time of 15 seconds to 30 minutes  
This is the cylinder version of the product

## Typical properties

Acid Free: No  
Adhesion: Permanent Mounting  
Adhesive Type: SBR Rubber  
Application Method: Spray  
Application Temperature From (Celsius): 15.5 °C  
Application Temperature To (Celsius): 26.5 °C  
Assembly Type: Large Surface Lamination  
Brands: 3M™  
Container Size (Imperial): 28.8 lb., 148.5 lb., 297 lb.  
Container Size (Metric): 13.1 kg, 67.4 kg, 134.7 kg  
Creative Color: Clear  
Cure Temperature: Room Temperature  
Cure Time: 24 hr  
Cure or Dry Time: 24 Hour  
Dispenser: No  
Features: Permanent Adhesive  
Flame Retardant: No  
Form: Liquid  
Hazardous Material Warning: Please note the warnings on the packaging  
Heat Resistance: 170 Degree Fahrenheit  
Heat Resistance (Celsius): 77 °C  
Net Weight (Imperial): 28.8 lb, 148.5 lb, 297 lb  
Net Weight (Metric): 13.1 kg, 67.4 kg, 134.7 kg  
Open Time: 30 sec - 15 min  
Physical Form: Thin liquid  
Product Color: Orange, Transparent  
Product Form: Cylinder  
Product Type: Spray Adhesives  
Shelf Life: 21 Month  
Smallest Saleable Unit: Each  
Solids Weight Percent (Approximate): 22 %  
Solvent: Acetone  
Spray Pattern: Lace  
Surface Type: Cloth, Fabric, Felt, Foam  
Units per Case: 1.0  
eClass 14 Classification Group: 23330115



# 3M™ Nitrile High Performance Plastic Adhesive 1099L, Tan, 5 Gallon Pour Spout (Pail), 1 Can/Drum

3M Product Number 1099 3M ID 7000121205 UPC 00021200225789

## Details

High performance adhesive forms strong bonds on most vinyls and plastics  
Resists weathering, water, oil, plasticizer migration and fuels  
Provides strong, quick drying flexible bonds  
Optional heat cure increases bond strength  
Sprayable with industrial grade spray equipment  
This is the lower-viscosity version of the product

## Typical properties

Application Method: Brush, Spray  
Assembly Type: Gasket Attachment  
Brands: 3M™  
Container Size (Imperial): 5 Gallon  
Container Size (Metric): 18.93 Liter  
Environmental Considerations: SCAQMD  
Form: Liquid  
Industries: General Industrial, Signage  
Open Time: Up to 20 min  
Physical Form: Thin liquid  
Product Color: Light Tan  
Product Form: Bulk  
Solids Weight Percent (Approximate): 22 % - 26 %  
State Restrictions: CA, CT, DC, DE, IL, MA, MD, ME, MI, NH, NJ, NY, OH, PA, RI, VI  
Units per Case: 1.0  
eClass 14 Classification Group: 23330115

# 3M™ Scotch-Weld™ PUR Adhesive TS230 Black

## Details

**PROFESSIONAL-GRADE ADHESIVE:** Bonds a variety of materials including plastics, glass, ceramic, fabric, and metal

**HIGHLY VERSATILE:** Ideal for furniture, cabinetry, appliances, electronics, automotive interiors, ceramics, and glass applications

**HIGH-TEMPERATURE RESISTANCE:** Can be used to bond many heat-sensitive materials

**ALL-IN-ONE SOLUTION:** Features a one-part adhesive that can be sprayed or rolled onto surfaces

**AMPLE OPEN TIME:** Provides up to 4 minutes of working time as the product cools to reposition and adjust surfaces

**FAST SET TIME:** Offers handling strength in approximately 150 seconds (lower temperatures may shorten open and set times)

## Typical properties

Adhesive Type: Urethane

Application Method: Extruded from hand held or bench mounted applicators, It is dispensed with bulk application equipment

Application Temperature From (Celsius): -55 °C

Application Temperature To (Celsius): 80 °C

Assembly Type: Large Surface Lamination

Brands: Scotch-Weld™

Container Size (Imperial): 0.1 Gallon, 4.4 lb., 5 Gal. (US), 55 Gal. (US)

Container Size (Metric): 2 kg, 18.9 Liter, 208.2 Liter, 310 ml

Design Challenges: Impact & Shock Absorption

Full Cure Time: 24 hr

Hardness: 45 Shore D

Indoor/Outdoor: Both

Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, Metalworking, Military & Government, Packaging, Retail, Signage, Specialty Vehicle, Transportation, Woodworking

Open Time: 4 min

Physical Form: Liquid

Product Color: Black

Product Form: Bag, Gallon

Set Time: 4 min, >61 Second

Smallest Saleable Unit: Bottle

Solids Weight Percent (Approximate): 100 %

Storage Temperature (Celsius): 16 to 27 °C

Storage Temperature (Fahrenheit): 60 to 80 Degree Fahrenheit

Units per Case: 1.0,5.0,6.0

Viscosity: Self-leveling

Work Time: 4 min

eClass 14 Classification Group: 23330104

## 3M™ Hi-Strength 94 ET Adhesive Bulk

### Details

CARB\* and SCAQMD compliant, GREENGUARD® certified, helps contribute to LEED® credits  
Longer open time and more aggressive tack than comparable adhesives  
Ideal for woodworking and large surface laminations  
Bonding range of up to 60 minutes allows time for adjustments  
Effectively bonds metals, wood, rubber, carpet and flooring  
Available in Bulk format

### Typical properties

Acid Free: No  
Adhesion: Permanent Mounting  
Adhesive Type: SBR Rubber  
Application: Edge Band Wood Panel Bonding, Large Surface Lamination Assembly  
Application Method: Brush, Roll, Spray  
Application Temperature From (Celsius): 15.5 °C  
Application Temperature To (Celsius): 26.5 °C  
Assembly Type: Large Surface Lamination  
Brands: 3M™  
Container Size (Imperial): 5 Gallon, 55 Gallon  
Container Size (Metric): 18.93 Liter, 208.2 Liter  
Container Volume: 5.0 Gal. (US), 54.0 Gal. (US)  
Creative Color: Clear  
Cure Temperature: Room Temperature  
Cure Time: 24 hr  
Cure or Dry Time: 24 Hour  
Dispenser: No  
Environmental Considerations: GREENGUARD® Certified, Low VOC, SCAQMD  
Features: Permanent Adhesive  
Flame Retardant: No  
Form: Liquid  
Hazardous Material Warning: Please note the warnings on the packaging  
Industries: General Industrial  
Physical Form: Thin liquid  
Product Color: Red, Transparent  
Product Form: Bulk  
Product Type: Adhesive  
Shelf Life: 21 Month  
Solids Weight Percent (Approximate): 25 %  
Spray Pattern: Lace, Pebble  
Surface Type: Laminate, Metal, Wood, Wood Veneer  
Units per Case: 1.0  
Volume (Imperial): 5 gal, 55 gal  
Volume (Metric): 18.927 L, 208.198 L  
eClass 14 Classification Group: 23330115

## **3M™ OEM Match Ripple Tip**

### **Details**

These tips help replicate the factory appearance of many textured robotically-applied, OEM seam sealer beads using 3M 1-part (1K) and 2-part (2K) products. Works on seam body seams, floor pans, wheel arches, engine compartments as well as trunk and cargo areas, Rear Floor, Rear Body Panels, Front and Rear Frame Rails, Fire Walls, Strut Towers, and Passenger Floor Panels. Available in two styles, they fit a wide variety of 1-part and 2-part sprayable seam sealers.

Rotation of the nozzle along with air pressure adjustment allows the technician to adjust the width, texture, and height of the bead.

Part of the 3M™ OEM Match family of tips and sealants that can help technicians quickly match OEM seams sealer beads.

Built for single-use with no cleanup required.

### **Typical properties**

Application: OEM Replication, Sealing, Seam and Joint Sealing

Attachment Type: Push-to-fit, Threaded

Brands: 3M™

Case Quantity: 50.0 per Case

Industries: Automotive, Specialty Vehicle, Transportation

Inner Packs per Case: 5 Packs per Case

Material: Plastic

Product Color: White

Product Form: Tip

Product Type: Nozzle

Tip Style: Sealer

Units per Case: 50.0

eClass 14 Classification Group: 21061191

### **Dimensions and Classifications**

Overall Length (Imperial): 2.17 in, 3.07 in

Overall Length (Metric): 55 mm, 78 mm

## 3M™ OEM Match Sprayable Tip

### Details

These tips help replicate the factory appearance of many robotically-applied, spray-on OEM seam sealer beads using 1K and 2K 3M seam sealer products. Works on areas including body seams, floor pans, wheel arches, engine compartments as well as trunk and cargo areas.

These tips attach directly to seam sealer packaging, pneumatic applicators, or compatible 3M square-barreled nozzles.

Allows technicians to control bead shape and texture by adjusting the air pressure to the applicator and the material flow rate.

The tips are capable of spraying a variety of products with varying chemistries and viscosities.

Works with 3M™ OEM Match Sprayable Air Supply Kit 33999, which can convert many traditional applicators to allow spray application.

Available in two styles, the 1K version features a threaded connector while the 2K option friction fits to square-tube applicator and mixing nozzles.

Part of the 3M™ OEM Match family of tips and sealants that can help technicians quickly match OEM seam sealer beads.

Built for single-use with no cleanup required.

### Typical properties

Application: OEM Replication, Sealing, Seam and Joint Sealing, Spray Texture, Sprayed Beads

Attachment Type: Push-to-fit, Threaded

Brands: 3M™

Case Quantity: 50.0 per Case

Industries: Automotive, Specialty Vehicle, Transportation

Inner Packs per Case: 5 Packs per Case

Material: Plastic

Product Color: White

Product Form: Tip

Product Type: Nozzle

Tip Style: Spray

Units per Case: 50.0

eClass 14 Classification Group: 21061191

### Dimensions and Classifications

Overall Length (Imperial): 1.97 in, 2.17 in

Overall Length (Metric): 50 mm, 55 mm

# 3M™ Scotch-Weld™ Epoxy Adhesive EC-9370 B/A FST

3M Product Number EC-9370 3M ID B5005493000

## Details

Lightweight epoxy adhesive with a cured density below 0.7 g/cm<sup>3</sup>  
Thixotropic, non-sag paste adhesive  
Work life of 25-30 minutes at 23 ± 2 °C (75g of mixed material)  
Adhesive reaches handling strength (time to reach 2 MPa Overlap Shear Strength) after 4 hours at 23°C  
A simple 2:1 mix ratio for mix ratio robustness and easy dispensing  
Suitable for bulk or cartridge dispensing

## Typical properties

Brands: Scotch-Weld™  
Mix Ratio Volume Base:Accelerator: 2:1  
eClass 14 Classification Group: 23330109

## **3M™ OEM Match Seam Sealer**

### **Details**

3M™ OEM Match Epoxy Seam Sealer is a versatile family of epoxy seam sealers designed for use on bare metal or primed surfaces

Available in black, beige, white, and gray to match the most common OEM-applied seam sealer colors. Compatible with many leading automotive paint systems, they are set and ready to paint after 15 minutes

These sealants are caulkable, toolable, brushable, and sprayable – meaning they can be used in a variety of applications, including door skins, floor pans, trunk floors, roof seams, and many others

The medium-bodied formula is non-sagging for clean, efficient tooling in vertical and horizontal seams. Specially formulated to not shrink, crack, or outgas

Adheres to properly prepared bare metal and primed surfaces. Always apply as directed in OEM repair procedures, position statements, and bulletins

Built with three corrosion inhibitors for corrosion resistance

Can be used to replicate a variety of factory seam sealer beads using the 3M OEM Match Seam Sealer tips

### **Typical properties**

Adhesive Type: Two-Part Epoxy

Application: Sealing

Brands: 3M™

Consistency: Paste

Container Size (Imperial): 200 ml

Container Size (Metric): 6.763 fl oz (US)

Container Type: Cartridge

Full Cure Time: 1 hr

Handling Time: 10 min - 30 min

Material: Epoxy

Product Color: Beige, Gray, White

Product Form: Paste

Product Type: Seam Sealer

Product Usage: Door Hem Flanges, Gasket Assemblies, Seams, Sheet Metals, Side Panels

Surface Type: Metal

Tack-free Time: 10 min

Work Time: 10 min

eClass 14 Classification Group: 23330106

## **3M™ Hi-Strength Laminating Adhesive 92**

### **Details**

Versatile, high-tack adhesive offers a strong hold  
Formulated with exceptionally high solids to provide high coverage and economical value  
High-temperature resistance for durable and resilient performance  
Lace pattern proven ideal for textured substrates  
Fast-tack adhesive for immediate handling  
Available in cylinders and bulk containers for stationary or portable work

### **Typical properties**

Application Method: Spray  
Brands: 3M™  
Container Size (Imperial): 5 Gallon, 54 Gal. (US)  
Container Size (Metric): 18.93 Liter, 204.412 Liter  
Form: Liquid  
Industries: Automotive, Furniture, Specialty Vehicle, Transportation, Woodworking  
Open Time: 1 - 20 min  
Product Color: Transparent  
Product Form: Bulk, Drum  
Solids Weight Percent (Approximate): 34 %  
Spray Pattern: Lace  
Units per Case: 1.0  
eClass 14 Classification Group: 23330115



# 3M™ Scotch-Weld™ PUR Adhesive TE040 Black

## Details

Fast 40 seconds set time for fast-paced processes and productivity  
Impact resistant professional grade adhesive for bonding a variety of materials, including wood, plastics, glass and metal  
Creates high-strength bonds that are plasticizer resistant  
This product is black  
120 seconds open time for joining parts together  
One component adhesive for easy application with no mixing or guesswork  
Bonds to polyethylene and polypropylene with slight surface modification

## Typical properties

Application Method: Extruded from hand held or bench mounted applicators  
Assembly Type: Mounting & Trim Attachment, Small Joint Assembly  
Brands: Scotch-Weld™  
Container Size (Imperial): 0.1 Gallon, 5 Gal. (US), 55 Gal. (US)  
Container Size (Metric): 18.9 Liter, 208.2 Liter, 310 ml  
Full Cure Time: 24 hr  
Hardness: 35 Shore D  
Industries: Automotive, Construction, Consumer Goods, Electronics, Furniture, General Industrial, Metalworking, Military & Government, Packaging, Retail, Signage, Specialty Vehicle, Transportation, Woodworking  
Product Color: Black  
Product Form: Cartridge  
Set Time: 31 to 60 Second  
Solids Weight Percent (Approximate): 100 %  
Storage Temperature (Celsius): 16 to 27 °C  
Storage Temperature (Fahrenheit): 60 to 80 Degree Fahrenheit  
Units per Case: 5.0  
Viscosity: Self-leveling  
eClass 14 Classification Group: 23330104

# **3M™ Plastic Bonding Adhesive 1090B**

3M ID B40044740

## **Details**

- Fast handling strength
- High strength bonds
- Broad substrate adhesion
- Low tack upon re-solidification
- Highly plasticizer resistant
- 10 oz/295 mL cartridges

## **Typical properties**

eClass 14 Classification Group: 23330106

## **3M™ Adhesion Promoter C110**

3M ID B5005003000

### **Details**

Helps improve adhesion of tape to automotive exterior trim parts  
Formulated to work with both 3M™ Acrylic Foam and Acrylic Plus Tapes  
Ready to use with a pressurized flow gun, knurled roller, or other similar type applicator  
Initial drying time is less than one minute in most circumstances  
Ultimate adhesion generally occurs after 24 hours

### **Typical properties**

eClass 14 Classification Group: 23330504

# **3M™ Black Weatherstrip Adhesive**

3M ID B5005005008

## **Details**

Formulated specifically for use with ethylene propylene diene M-class rubber (EPDM)

Forms flexible, waterproof bond

Easy to brush and spread right from the tube, saving time

Resists oil, grease and solvents for permanent repairs

Bonds to a range of surfaces including vinyl, gaskets, metal, fabrics and rubber

## **Typical properties**

eClass 14 Classification Group: 23330115

# **3M™ Scotch-Weld™ Metal Bonder Acrylic Adhesive Bead Free 8407NS**

## **Details**

**PROFESSIONAL-GRADE ADHESIVE:** Bonds to bare, oily metals, as well as a wide variety of other materials, including most plastics

**VERSATILE APPLICATION:** Ideal for specialty/recreational vehicles, HVAC, signage, appliances, and metal fabrication

**FOR POWDER COATING OR PAINTING:** Withstands powder coat and paint bake cycles up to 400 °F (200 °C) for at least 30 minutes

**HIGH SHEAR STRENGTH:** Offers high shear, peel and impact strength for a tough and lasting bond

**EXCELLENT BOND STRENGTH:** Maintains a durable bond in temperatures as low as -40 °F (-40 °C)

**FAST HANDLING TIME AND CURE:** Offers rapid strength build-up at room temperature with 6 minutes of working time before fully curing

**MINIMAL SURFACE PREPARATION:** Ideal for industrial applications with minimal surface preparation, such as slightly oily metal bonding

## **Typical properties**

Brands: Scotch-Weld™

Container Size (Imperial): 1 gal, 5 gal

Container Size (Metric): 3.78 L, 18.93 L

Work Life: 4 - 8 min

eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Low Odor Acrylic Adhesive DP810 Black

## Details

Low odor adhesive is ideal for any setting where harsh fumes or flammability are an issue  
Provides high shear and peel strength and is toughened for impact resistance  
10 minute work life and 20 minute handling strength  
Bonds oily metals with minimal surface prep  
Bonds most plastics, composites and metals  
Black version of the product

## Typical properties

Adhesion Strength (Imperial): 480 oz/in  
Adhesive Type: Acrylic  
Application: Impact Resistance  
Brands: Scotch-Weld™  
Container Size (Imperial): 1 gal, 1.64 fl oz, 5.28 gal, 6.76 fl oz  
Container Size (Metric): 3.78 L, 20 L, 48.5 mL, 200 mL  
Full Cure Time: 8 hr - 24 hr  
Industries: Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Open Time: 10 min @ 72 °F (22 °C)  
Performance Level: Best  
Physical Form: Flowable Liquid  
Product Form: Each  
Set Time: 10 min  
Shear Strength: 3600 psi  
Specific Gravity: 1.07  
Storage Temperature (Celsius): 0°C, 4 °C  
Storage Temperature (Fahrenheit): 32 °F, ≤40 Degree Fahrenheit  
Surface Type: Oily, Smooth  
Units per Case: 1.0, 12.0, 4.0  
Volume (Imperial): 1 gal, 1.71 fl oz, 5.3 gal, 6.76 fl oz  
Volume (Metric): 3.8 L, 20 L, 48.5 mL, 200 mL  
Work Life: 10 min  
eClass 14 Classification Group: 23330109

# 3M™ Super 77™ Multipurpose Spray Adhesive

## Details

Versatile adhesive that bonds a wide range of lightweight materials  
Provides professional, industrial strength for demanding applications  
Offers a fast, aggressive tack for a quick bond that reduces set time  
Bonds paper, cardboard, fabric, insulation, plastic, metal, wood and more  
Allows for a bond time of 15 seconds to 30 minutes  
Repositionable while providing long-lasting strength  
This is the bulk version of the product

## Typical properties

Acid Free: No  
Adhesion: Permanent Mounting  
Adhesive Type: SBR Rubber  
Application Method: Brush, Roll, Spray  
Application Temperature From (Celsius): 15.5 °C  
Application Temperature To (Celsius): 26.5 °C  
Assembly Type: Large Surface Lamination  
Brands: Super 77™  
Container Size (Imperial): 5 Gallon, 55 Gal. (US)  
Container Size (Metric): 20 Liter, 208.2 Liter  
Container Volume: 5.0 Gal. (US), 52.0 Gal. (US)  
Creative Color: Clear  
Cure Temperature: Room Temperature  
Cure Time: 24 hr  
Cure or Dry Time: 24 Hour  
Dispenser: No  
Features: Permanent Adhesive  
Flame Retardant: Flammable  
Form: Liquid  
Hazardous Material Warning: Please note the warnings on the packaging  
Heat Resistance: 150 Degree Fahrenheit  
Heat Resistance (Celsius): 66 °C  
Industries: General Industrial  
Open Time: 1 - 15 min, 30 sec - 15 min  
Physical Form: Thin liquid  
Product Color: Translucent  
Product Form: Bulk  
Product Type: Adhesive  
Shelf Life: 18 Month  
Solids Weight Percent (Approximate): 36 %  
Solvent: Acetone  
Spray Pattern: Mist  
Surface Type: Cardboard, Cork, Felt, Insulation, Metal, Paper, Wood  
Units per Case: 1.0  
Volume (Imperial): 5 gal, 55 gal  
Volume (Metric): 18.927 L, 208.198 L  
eClass 14 Classification Group: 23330115

# 3M™ HoldFast 70 Adhesive, Clear, 55 Gallon Metal Closed Head (52 Gallon Net), Drum

3M Product Number 70 3M ID 7010366348 UPC 00051115639340

## Details

Versatile adhesive ideal for construction sites

Creates quick bonds for temporary and permanent needs

Very fast-tacking adhesive bonds almost immediately and has a long bonding range

Portable container provides a spray pattern with low soak-in and no overspray

Bonds polystyrene without damaging the material or degrading the surface

## Typical properties

Application: Fast and Easy Geotextile Solutions, Protection - Sheet

Waterproofing

Brands: 3M™

Container Size (Imperial): 55 Gallon

Container Size (Metric): 208.2 Liter

Form: Liquid

Heat Resistance: 190 Degree Fahrenheit

Heat Resistance (Celsius): 88 °C

Industries: Construction, Furniture, Specialty Vehicle, Transportation

Open Time: 1 - 60 min

Product Color: Transparent

Product Form: Bulk

Solids Weight Percent (Approximate): 15 % - 25 %

Units per Case: 1.0

eClass 14 Classification Group: 23330115



## **3M™ Mix & Dispense Equipment - Application Tools**

### **Details**

Variety of tools help streamline sealant application and removal processes  
Accessories include rollers, spatulas, scrapers and brush  
Proper application tools help ensure consistent end product  
For use with 3M™ Sealants

### **Typical properties**

Application: Sealing

Brands: 3M™

Factory ISO Certification: No ISO Certification information available

# **3M™ Scotch-Weld™ Low Density Void Filler 7246-2 B/A FST, 200 mL Cartridge, 6 Each/Case**

Part Number 7246-2 3M Product Number 7246-2 3M ID 7000080150

## **Details**

Excellent adhesion to a wide variety of substrates such as metals, ceramics and plastics  
Thixotropic, non-sag formulation makes it easy to apply without dripping or deformation  
2:1 mix ratio simplifies mixing  
90 minute work time allows for positioning and adjusting for fit prior to setting  
Ideal for bonding interior sidewall panels, cargo bay panels, bar units, coatrooms and passenger doors  
Flexible to withstand vibration  
Outstanding environmental performance  
High peel and shear strength for strong bonds in critical applications  
Meets several industry fire, smoke and toxicity requirements

## **Typical properties**

Adhesive Type: Epoxy  
Brands: Scotch-Weld™  
Container Size (Imperial): 6.76 fl oz  
Container Size (Metric): 200 mL  
Cure Rate: 7 days  
Cure Temperature: Room Temperature  
Factory ISO Certification: No ISO Certification information available  
Features: Fire, Smoke & Toxicity (FST)  
Time to Handling Strength: 5 Hour  
Work Life: 90 min  
eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Low Odor Acrylic Adhesive DP8710NS

## Details

**VERSATILE APPLICATIONS:** Adheres to a variety of similar and dissimilar substrates, including plastics, composites, painted surfaces, aluminum, stainless steel, and active metals

**KEY INDUSTRIES:** Ideal for applications in transportation, rail, signage, sporting goods repair, and more

**MINIMAL SURFACE PREPARATION:** Bonds to substrates without in-depth surface preparation, including slightly oily surfaces

**HIGH-PERFORMANCE:** Provides reliable impact strength, peel resistance, and flexibility

**WORKING TIME:** Allows approximately 10-12 minutes for project adjustment

**TIME TO HANDLING STRENGTH:** Offers project handling in 12-14 minutes

**FULL CURE TIME:** Fully cured in 24 hours at a temperature of 73 °F (23 °C)

**KEY SPECIFICATIONS:** Nonflammable classification and low-odor formulation

**PRODUCT OPTIONS:** Available in bulk form or a Duo-Pak (DP)

## Typical properties

Adhesive Type: Acrylic

Brands: Scotch-Weld™

Container Size (Imperial): 1.52 fl oz, 5 gal, 16.57 fl oz

Container Size (Metric): 18.93 L, 45 mL, 490 mL

Set Time: 10 min

Smallest Saleable Unit: Each

Volume (Imperial): 1.522 fl oz, 5 gal, 16.569 fl oz, 50 gal

Volume (Metric): 18.927 L, 45 mL, 189.271 L, 490 mL

eClass 14 Classification Group: 23330109

## **3M™ Auto Glass Urethane Windshield Adhesive, 08693, 10.5 fl oz Cartridge, 12 per case**

Part Number 08693 3M ID 7000120424 UPC 00051131086937

### **Details**

**FAST-CURING:** Adhesive produces rapid results, curing in just 24 hours

**MEDIUM-VISCOSITY FORMULA:** Non-sag urethane formula makes for clean and easy application

**HIGH-BOND STRENGTH:** Designed for permanent windshield bonding and stationary glass attachment

**VERSATILE APPLICATION:** Its reliable strength allows this adhesive to meet the demands of most auto glass applications

**BOND WINDSHIELDS YOUR WAY:** Compatible with both manual or powered caulking guns

### **Typical properties**

Adhesive Type: Polyurethane

Application: Bonding, Windshield Installation

Brands: 3M™

Case Quantity: 12.0 Cartridges per Case

Container Type: Cartridge

Product Color: Black

Volume (Imperial): 10.5 fl oz

Volume (Metric): 310 mL

eClass 14 Classification Group: 23330000

## **3M™ Scotch-Weld™ Metal Primer 3901, Red, 0.5 Pint, 12 Can/Case**

3M Product Number 3901 3M ID 7000000907 UPC 00021200210877

### **Details**

Improves glass and metal adhesion and resistance to environmental exposure for epoxy and urethane structural adhesives  
Offers improved corrosion protection to metal for long-lasting performance  
Protects cleaned surfaces until bonding operations can be completed  
Ensures complete wetting of film adhesive to adhered surfaces  
Easy application and quick drying

### **Typical properties**

Application: Structural Glazing  
Application Temperature-Environment: 190°F ± 10°F  
Brands: Scotch-Weld™  
Clean-up: Methyl Alcohol  
Composition: Solvent Based  
Industries: Construction, General Industrial, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Physical Form: Liquid  
Product Form: Pint  
Product Type: Primer  
Solids Weight Percent (Approximate): <1 %  
Storage Temperature (Celsius): 22°C  
Storage Temperature (Fahrenheit): 72 Degree Fahrenheit  
Surface Type: Metal  
Units per Case: 12.0  
Viscosity: Self-leveling  
Viscosity Range (cps) at Room Temperature: 3-7  
Volume (Imperial): 8.34 fl oz  
Volume (Metric): 237 mL  
eClass 14 Classification Group: 23330504

# **3M™ Hi-Tack Spray Adhesive 76, Clear, 24 fl oz Can (Net Wt 18.1 oz), 12/Case, NOT FOR SALE IN CA AND OTHER STATES**

Part Number 30026 3M Product Number 76 3M ID 7000046589

## **Details**

High-tack spray adhesive creates strong bonds  
Fast-tacking adhesive bonds quickly  
Variable-width lace spray pattern minimizes waste and overspray  
Low-misting property allows for precise spray control

## **Typical properties**

Application: Insulation Attachment  
Application Method: Spray  
Brands: 3M™  
Container Size (Imperial): 24 fl oz (US)  
Container Size (Metric): 710 ml  
Environmental Considerations: Helps contribute to LEED® credits  
Flame Retardant: Flammable  
Form: Aerosol  
Heat Resistance: <230 Degree Fahrenheit  
Heat Resistance (Celsius): <110 °C  
Industries: Furniture, General Industrial, Military & Government, Specialty Vehicle, Transportation  
Open Time: 1 - 60 min  
Product Color: Transparent  
Product Form: Aerosol  
Spray Pattern: Variable Lace  
Units per Case: 12.0  
eClass 14 Classification Group: 23330115

# 3M™ Scotch-Weld™ Super Fast Instant Adhesive SF20, Clear, 20 Gram, 10 Bottles/Case

3M Product Number SF20 3M ID 7100049744 UPC 00051111916674

## Details

Bonds to a number of substrates, including plastics and rubbers  
Precise application: pinch container for a precise drop or squeeze for a steady bead  
Low viscosity adhesive is easily applied from the bottle  
Strong, durable and long lasting bond on a variety of substrates  
Fast curing to keep projects moving quickly

## Typical properties

Adhesive Type: Instant Adhesive  
Brands: Scotch-Weld™  
Container Size (Imperial): 0.7 Ounce  
Container Size (Metric): 20 g  
Design Challenges: Impact & Shock Absorption  
For Use On: Plastic: HSE, MSE (ABS, Acrylic, Polycarbonate, Nylon), Wood, Plastic: LSE (Polypropylene, Polyethylene), High Surface Energy, (400-1100 Dynes/cm), Elastomer, Glass, Smooth, Ceramic, Metal, Rubber, Stone, Metal (Painted)  
Full Cure Time: 24 Hours @ 72 F (22 C)  
Gap Fill (Imperial): 0.004 in  
Gap Fill (Metric): 0.102 mm  
Indoor/Outdoor: Both  
Industries: Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Maximum Operating Temperature (Celsius): 82 °C  
Maximum Operating Temperature (Fahrenheit): 180 °F  
Net Weight (Imperial): 0.71 oz  
Net Weight (Metric): 20 g  
Physical Form: Liquid  
Product Color: Transparent  
Product Form: Bottle  
Set Time: 3 to 30 Second  
Shear Strength: 1414 psi  
Storage Temperature (Celsius): 4 °C  
Storage Temperature (Fahrenheit): 40 Degree Fahrenheit  
Units per Case: 10.0  
Viscosity: Self-leveling  
Viscosity Range (cps) at Room Temperature: 17-22  
Work Time: 5 Seconds  
eClass 14 Classification Group: 23330105

# 3M™ Scotch-Weld™ One Part Epoxy Adhesive 6101, US Label, Off White, 30cc Syringe, 20/Case

3M Product Number 6101 3M ID 7012490317

## Details

One-part epoxy with stability at room temperature  
Low temperature cure and fast cure options  
Excellent impact resistance  
Ideal for bonding dissimilar materials and electronics-grade plastics  
Flexible after cure with 100% elongation  
Toughened adhesive for impact resistance: up to 3.1 joules energy absorption  
Controlled rheology for precise mechanical application and non-sag bonding  
Bonds well to metals and plastics such as glass-filled nylon, PC and ABS  
Water-resistant for applications inside products such as wearable devices

## Typical properties

Adhesion Strength (Imperial): 32000 kPa  
Adhesive Type: One-Part Epoxy  
Bond Flexibility: Flexible  
Brands: Scotch-Weld™  
Cure Temperature (Celsius): 65 °C  
Cure Temperature (Fahrenheit): 149 °F  
Density: 1.28 g/mL  
Full Cure Time: 20 min @ 149 °F (65 °C)  
Glass Transition Temperature (Tg): 45 °C  
Glass Transition Temperature (Tg) (Fahrenheit): 113 °F  
Indoor/Outdoor: Both  
Industries: Electronics  
Physical Form: Liquid  
Product Color: Off-white  
Product Form: Syringe  
Shear Strength: 4641.21 psi  
Solids Weight Percent (Approximate): 100 %  
Specific Gravity: 1.28  
Storage Temperature (Celsius): -20.0 °C  
Storage Temperature (Fahrenheit): -4.0 °F  
Viscosity Range (cps) at Room Temperature: 50000  
Volume (Imperial): 1 fl oz  
Volume (Metric): 30 mL  
eClass 14 Classification Group: 23330109



# **3M™ Super 77™ Classic Cylinder Spray Adhesive, Clear, Large, Net Wt 29.3 lb, 1 Each/Case**

3M Product Number 77 3M ID 7000144617 UPC 50051115257761

## **Details**

Versatile adhesive that bonds a wide range of lightweight materials  
Provides professional, industrial strength for demanding applications  
Offers a fast, aggressive tack for a quick bond that reduces set time  
Bonds paper, cardboard, fabric, insulation, plastic, metal, wood and more  
Allows for a bond time of 15 seconds to 30 minutes  
Repositionable while providing long-lasting strength  
This is the cylinder version of the product

## **Typical properties**

Application: Bond Fiberglass Insulation to Metal, Drywall Plaster & Gypsum Board, Large Surface Lamination Assembly, Masonry & Plaster Finishes  
Application Method: Spray  
Assembly Type: Large Surface Lamination  
Brands: Super 77™  
Container Size (Imperial): 29.3 lb.  
Container Size (Metric): 13.3 kg  
Environmental Considerations: Helps contribute to LEED® credits  
Flame Retardant: Flammable  
Form: Liquid  
Heat Resistance: 150 Degree Fahrenheit  
Heat Resistance (Celsius): 66 °C  
Industries: Construction, Furniture, General Industrial, Packaging, Specialty Vehicle, Transportation, Woodworking  
Open Time: 1 - 15 min  
Product Color: Transparent  
Product Form: Cylinder  
Smallest Saleable Unit: Each  
Solids Weight Percent (Approximate): 27 %  
Spray Pattern: Mist  
Units per Case: 1.0  
eClass 14 Classification Group: 23330115

# 3M™ Foam Fast Spray Adhesive 74CA, Low VOC <25%, Orange, 24 fl oz (Net Wt 19 oz), 12 Can/Case

Part Number 74 3M Product Number 74 3M ID 7100014104

## Details

FOR INDUSTRIAL USE ONLY: This product is designed exclusively for industrial applications

SPECIALLY-CREATED: Made for adhering foams and fabrics

SPECIAL DISPENSING: Uses a lace-spray pattern optimized for foam bonding

QUICK ASSEMBLY: Offers a fast, aggressive tack ideal for high-stress bonds

REPOSITION AND ADJUST: Allows for a working time of 30 seconds to 15 minutes

MADE FOR PROFESSIONALS: Provides industrial-strength bonding for demanding applications

COUNTLESS USES: Some possible applications include general upholstery, foam lamination, attaching foam and fabric to wood and other substrates, and installing acoustic panels

## Typical properties

Application: Large Surface Lamination Assembly

Application Method: Spray

Assembly Type: Large Surface Lamination

Brands: 3M™

Case Quantity: 12.0 Bags per Case

Container Size (Imperial): 24 fl oz (US)

Container Size (Metric): 710 ml

Environmental Considerations: California Air Resources Board, GREENGUARD® Certified, Helps contribute to LEED® credits, Low VOC, Ozone Transport Commission, SCAQMD

Flame Retardant: Flammable

Form: Aerosol

Heat Resistance: 170 Degree Fahrenheit

Heat Resistance (Celsius): 77 °C

Industries: Automotive, Consumer Goods, Furniture, General Industrial, MRO, Specialty Vehicle, Transportation

Open Time: 1 - 15 min

Product Color: Orange

Product Form: Aerosol

Solids Weight Percent (Approximate): 22 %

Spray Pattern: Variable Lace

Units per Case: 12.0

eClass 14 Classification Group: 23330115

## **3M™ All-Around Autobody Sealant, 08500, 1/10 gal Cartridge, 12 per case**

Part Number 08500 3M ID 7000046622 UPC 00051135085004

### **Details**

**ALL-AROUND SEALANT:** Medium-bodied, water-based sealer works well for both interior and exterior applications

**STICKS TO COATED SURFACES:** Formula adheres well to primed and painted surfaces

**HIGH WORKABILITY:** Sealant makes feather-edging easy for a smoother finish

**WATER CLEANUP:** Before it dries, excess product can be easily cleaned up with water

**PAINTABLE IN MINUTES:** Seals can be painted over after just 30 minutes

### **Typical properties**

Adhesive Type: Synthetic Elastomer

Application: Joint Filling

Brands: 3M™

Case Quantity: 12.0 Cartridges per Case

Consistency: Paste

Container Size (Imperial): 12.8 fl oz (US)

Container Size (Metric): 378 ml

Container Type: Cartridge

Dry Time: 60 min

Full Cure Time: 1/8 in per 24 Hours @ 70 F and 50% RH

Paint Time: 30 Minute

Product Color: White

Shelf Life in Months (From Date of Manufacture): 36

Surface Type: Painted Surface

Tack-free Time: 25 min - 40 min

Work Time: 5 min

eClass 14 Classification Group: 23330106

# **3M™ Scotch-Weld™ Instant Adhesive Surface Activator, Light Amber, 2 fl oz, 6 Bottles/Case**

3M ID 7000046525 UPC 00021200879371

## **Details**

Accelerator designed to quicken cure speed of cyanoacrylate adhesives for fast results

One-part surface accelerator can be used for thick bond lines or porous substrates

Acetone-based for quick drying

Designed to quickly provide excellent bond strength

## **Typical properties**

Adhesive Type: Instant Adhesive

Brands: Scotch-Weld™

Clean-up: Acetone

Full Cure Time: 24 Hours @ 72 F (22 C)

Industries: Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking

Net Weight (Imperial): 2 oz

Net Weight (Metric): 56.7 g

Physical Form: Liquid

Product Form: Bottle

Product Type: Instant Adhesive Activator

Storage Temperature (Celsius): 27°C

Storage Temperature (Fahrenheit): 80 Degree Fahrenheit

Units per Case: 6.0

Viscosity: Self-leveling

Volume (Imperial): 2 fl oz

Volume (Metric): 59.15 mL

eClass 14 Classification Group: 23330504

# **3M™ Multi-Purpose Spray Adhesive 27, Clear, 16 fl oz Can (Net Wt 13.05 oz), 12/Case, NOT FOR SALE IN CA AND OTHER STATES**

Part Number 27 3M Product Number 27 3M ID 7000028596

## **Details**

**FOR INDUSTRIAL USE ONLY:** This product is designed exclusively for industrial applications

**MADE FOR PROFESSIONALS:** Provides industrial-strength bonding at an economical price

**REDUCES SET TIME:** Offers a fast, aggressive tack for a quick bond

**REPOSITION WITH EASE:** Offers 30 seconds to 15 minutes of working time

**SECURE WITH CONFIDENCE:** Delivers long-lasting strength

**A VERSATILE ADHESIVE:** Bonds a wide range of lightweight materials, including paper, corrugated board, fabric, insulation, plastic, metal, wood, and more

## **Typical properties**

Application Method: Spray

Brands: 3M™

Case Quantity: 12.0 Bags per Case

Container Size (Imperial): 16 fl oz (US)

Container Size (Metric): 473 ml

Environmental Considerations: California Air Resources Board, Helps contribute to LEED® credits, Ozone Transport Commission

Flame Retardant: Flammable

Form: Aerosol

Heat Resistance: 140 Degree Fahrenheit

Heat Resistance (Celsius): 60 °C

Industries: General Industrial, MRO

Open Time: 15 sec - 10 min

Product Color: Transparent

Product Form: Aerosol

Solids Weight Percent (Approximate): 21 %

Spray Pattern: Mist

Units per Case: 12.0

eClass 14 Classification Group: 23330115

# **3M™ Rubber and Vinyl Spray Adhesive 80, Yellow, 24 fl oz Can (Net Wt 19 oz), 6/Case, NOT FOR SALE IN CA AND OTHER STATES**

Part Number 82618 3M Product Number 80 3M ID 7000028604

## **Details**

FOR INDUSTRIAL USE ONLY: This product is designed exclusively for industrial applications

FAST-SETTING: Produces rapid bonds ideal for demanding applications

HIGH-STRENGTH ADHESIVE: Provides strong bonds for rubber and vinyl

LONG-TERM DURABILITY: Features exceptional heat resistance

ADHERES A VARIETY OF SUBSTRATES: ideal for bonding rubber, supported vinyl, leather, pleather, wood, metal, and many plastics

TAKE ON MANY APPLICATIONS: Use in rubber and vinyl sheet seaming, weather stripping, upholstery, pool covers, and rubber and vinyl repair

## **Typical properties**

Adhesive Type: Ethylene Vinyl Acetate

Application Method: Spray

Brands: 3M™

Container Size (Imperial): 24 fl oz (US)

Container Size (Metric): 710 ml

Environmental Considerations: California Air Resources Board, Ozone Transport Commission

Flame Retardant: Flammable

Form: Aerosol

Heat Resistance: 130 Degree Fahrenheit

Industries: Automotive, Construction, Electronics, Furniture, General Industrial, MRO, Military & Government, Packaging, Retail, Signage, Specialty Vehicle, Transportation, Woodworking

Open Time: Up to 20 min

Product Color: Yellow

Product Form: Aerosol

Solids Weight Percent (Approximate): 12.90 %

Spray Pattern: Lace

Units per Case: 6.0

eClass 14 Classification Group: 23330115

## **Dimensions and Classifications**

Overall Length (Metric): 0.2 m

# 3M™ Scotch-Weld™ Epoxy Adhesive 2158, Gray, Part B/A, 2 Gallon, 2 Kit/Case

3M Product Number 2158 3M ID 7010330060 UPC 00021200202629

## Details

Formulated to create rigid bonds for reliable adhesion  
High viscosity delivers controlled flow and accurate application without unwanted slumping  
Extended work-life provides time for adjustment and positioning to achieve desired results  
Offers strong bonds through high shear strength  
Good adhesion to damp concrete

## Typical properties

Adhesive Type: Epoxy  
Application: Bonding  
Brands: Scotch-Weld™  
Container Size (Imperial): 1 gal  
Container Size (Metric): 3.78 L  
Industries: Construction, Consumer Goods, Electronics, General Industrial, Military & Government, Specialty Vehicle, Transportation  
Open Time: 2 hours @ 72 F (22 C)  
Physical Form: Paste  
Product Form: Kit  
Set Time: 10 hr  
Shear Strength: 2000 psi  
Specific Gravity: 1.55  
Specifications Met: UL 94 HB  
Storage Temperature (Celsius): 22°C  
Storage Temperature (Fahrenheit): 72 Degree Fahrenheit  
Surface Type: Unpainted  
Units per Case: 2.0  
Volume (Imperial): 1 gal  
Volume (Metric): 3.8 L  
eClass 14 Classification Group: 23330109

# 3M™ Windo-Weld™ Super Fast Urethane, 08609, Black, 10.5 fl oz Cartridge, 12 per case

Part Number 08609 3M ID 7000028403 UPC 00051135086094

## Details

**MADE FOR WINDSHIELDS:** Specialty adhesive bonds windshields securely to auto bodies

**NO MIXING REQUIRED:** One-part urethane adhesive requires no mixing

**FLEXIBLE WORKING WINDOW:** offers a 10 to 20 minute working time

**PERMANENT BOND:** Strong gripping power offers a permanent bond

**EASY APPLICATION:** Designed to work with either manual or powered applicators

## Typical properties

Adhesive Type: Polyurethane

Application: Exterior Side Panel Bonding

Brands: Windo-Weld™

Case Quantity: 12.0 Cartridges per Case

Consistency: Paste

Container Type: Cartridge

Cure Time: 24 hr

Full Cure Time: 24 hr

Handling Time: 10 min - 20 min

Material: Urethane-based

Paint Time: 24 Hour

Product Color: Black

Product Form: Paste

Shelf Life in Months (From Date of Manufacture): 12

Surface Type: Painted Surface

Tack-free Time: 20 min

Volume (Imperial): 10.5 fl oz

Volume (Metric): 310 mL

Work Time: 10 min - 20 min

eClass 14 Classification Group: 23330000



## **3M™ Aerospace Sealant AC-730 C-8, gal Kit, 4 Kit/Case**

Part Number AC-730 3M Product Number AC-730 3M ID 7100089944

### **Details**

Non-chromate corrosion inhibitive formula helps comply with chromate reduction initiatives

Easier application – requires less mixing time and less tooling to apply

Available in Class B and C to meet a range of requirements

Low shrinkage results in less rework

### **Typical properties**

Application: Corrosion Protection, Sealing

Application Life: 8 Hour

Brands: 3M™

Container Size (Imperial): 1 Gallon

Cure Type: Standard Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 96 Ounce

Sealant Class: C

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-730 B-2, 5 Gallon Kit, 1 per pallet**

Part Number AC-730 3M Product Number AC-730 3M ID 7010311273

### **Details**

Non-chromate corrosion inhibitive formula helps comply with chromate reduction initiatives

Easier application – requires less mixing time and less tooling to apply

Available in Class B and C to meet a range of requirements

Low shrinkage results in less rework

### **Typical properties**

Application: Corrosion Protection, Sealing

Application Life: 2 Hour

Brands: 3M™

Container Size (Imperial): 5 Gallon

Cure Type: Standard Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 5 Gallon

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-730 B-2, 3.5 oz Kit, 24 per case**

Part Number AC-730 3M Product Number AC-730 3M ID 7100094933

### **Details**

Non-chromate corrosion inhibitive formula helps comply with chromate reduction initiatives

Easier application – requires less mixing time and less tooling to apply

Available in Class B and C to meet a range of requirements

Low shrinkage results in less rework

### **Typical properties**

Application: Corrosion Protection, Sealing

Application Life: 2 Hour

Brands: 3M™

Container Size (Imperial): 6 Ounce

Cure Type: Standard Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 3.5 Ounce

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-730 B-2, gal Kit, 4 Kit/Case**

Part Number AC-730 3M Product Number AC-730 3M ID 7010332485

### **Details**

Non-chromate corrosion inhibitive formula helps comply with chromate reduction initiatives

Easier application – requires less mixing time and less tooling to apply

Available in Class B and C to meet a range of requirements

Low shrinkage results in less rework

### **Typical properties**

Application: Corrosion Protection, Sealing

Application Life: 2 Hour

Brands: 3M™

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-730 C-8, Pint Kit, 16 per case**

Part Number AC-730 3M Product Number AC-730 3M ID 7000048238

### **Details**

Non-chromate corrosion inhibitive formula helps comply with chromate reduction initiatives

Easier application – requires less mixing time and less tooling to apply

Available in Class B and C to meet a range of requirements

Low shrinkage results in less rework

### **Typical properties**

Application: Corrosion Protection, Sealing

Application Life: 8 Hour

Brands: 3M™

Container Size (Imperial): 1 Pint

Cure Type: Standard Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 12 Ounce

Sealant Class: C

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-730 B-2, Pint Kit, 16 per case**

Part Number AC-730 3M Product Number AC-730 3M ID 7100094935

### **Details**

Non-chromate corrosion inhibitive formula helps comply with chromate reduction initiatives

Easier application – requires less mixing time and less tooling to apply

Available in Class B and C to meet a range of requirements

Low shrinkage results in less rework

### **Typical properties**

Application: Corrosion Protection, Sealing

Application Life: 2 Hour

Brands: 3M™

Container Size (Imperial): 1 Pint

Cure Type: Standard Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 12 Ounce

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-730 B-2, qt Kit, 9 Kit/Case**

Part Number AC-730 3M Product Number AC-730 3M ID 7000048234

### **Details**

Non-chromate corrosion inhibitive formula helps comply with chromate reduction initiatives

Easier application – requires less mixing time and less tooling to apply

Available in Class B and C to meet a range of requirements

Low shrinkage results in less rework

### **Typical properties**

Application: Corrosion Protection, Sealing

Application Life: 2 Hour

Brands: 3M™

Container Size (Imperial): 1 Quart

Cure Type: Standard Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 24 Ounce

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-730 C-8, 3.5 oz Kit, 24 per case**

Part Number AC-730 3M Product Number AC-730 3M ID 7000048237

### **Details**

Non-chromate corrosion inhibitive formula helps comply with chromate reduction initiatives

Easier application – requires less mixing time and less tooling to apply

Available in Class B and C to meet a range of requirements

Low shrinkage results in less rework

### **Typical properties**

Application: Corrosion Protection, Sealing

Application Life: 8 Hour

Brands: 3M™

Container Size (Imperial): 6 Ounce

Cure Type: Standard Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 3.5 Ounce

Sealant Class: C

eClass 14 Classification Group: 22171000



## **3M™ Aerospace Sealant AC-730 B-1/2, 3.5 oz Kit, 24 per case**

Part Number AC-730 3M Product Number AC-730 3M ID 7000048230

### **Details**

Non-chromate corrosion inhibitive formula helps comply with chromate reduction initiatives

Easier application – requires less mixing time and less tooling to apply

Available in Class B and C to meet a range of requirements

Low shrinkage results in less rework

### **Typical properties**

Application: Corrosion Protection, Sealing

Application Life: 30 Minute

Brands: 3M™

Container Size (Imperial): 6 Ounce

Cure Type: Standard Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 3.5 Ounce

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-730 B-1/2, Pint Kit, 16 per case**

Part Number AC-730 3M Product Number AC-730 3M ID 7000048231

### **Details**

Non-chromate corrosion inhibitive formula helps comply with chromate reduction initiatives

Easier application – requires less mixing time and less tooling to apply

Available in Class B and C to meet a range of requirements

Low shrinkage results in less rework

### **Typical properties**

Application: Corrosion Protection, Sealing

Application Life: 30 Minute

Brands: 3M™

Container Size (Imperial): 1 Pint

Cure Type: Standard Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 12 Ounce

eClass 14 Classification Group: 22171000

## **3M™ Polyurethane Adhesive Sealant Accelerator AC63, 45 mL Sausage Pack with Manifold, 12/Case**

3M Product Number AC63 3M ID 7100062120 UPC 00051128991299

### **Details**

Provides a faster cure when mixed in a two-component sealant system  
Adhesive mix is tack-free within 15 (+/-5) minutes  
Consistent curing can be achieved within 60 minutes  
To be used with 3M™ Polyurethane Adhesive Sealant 550 in 350mL Sausage Packs  
Provides excellent weather resistance  
Non-staining formula prevents discoloration

### **Typical properties**

Application: Wall & Door Panel Attachment  
Assembly Type: Panel to Frame/Stiffener to Panel  
Brands: 3M™  
Industries: Construction, General Industrial, Marine, Transportation  
Product Color: Transparent  
Product Form: Each  
Product Type: Accelerator  
Volume (Imperial): 1.52 fl oz  
Volume (Metric): 45 mL  
eClass 14 Classification Group: 23330504

# 3M™ Scotch-Weld™ Epoxy Adhesive 1838, Green, Part B/A, 1.8 Quart, 6 Kit/Case

3M Product Number 1838 3M ID 7000046340 UPC 00021200201523

## Details

Formulated to create rigid bonds for reliable adhesion  
Offers tough, strong bonds through high shear strength  
Presents high viscosity to deliver controlled flow and accurate application  
Extended work-life allows extra time for adjustment and positioning to achieve ideal results  
Suitable for a wide variety of metals, woods and some plastics

## Typical properties

Adhesive Type: Epoxy  
Application: Bonding, Encapsulating, Potting, Sealing  
Brands: Scotch-Weld™  
Container Size (Imperial): 1 qt  
Container Size (Metric): 0.95 L  
Hardness: 80 - 85 Shore D  
Industries: Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking  
Open Time: 60 min @ 72 °F (22 °C)  
Performance Level: Best  
Physical Form: Paste  
Product Form: Kit  
Set Time: 8 hr  
Shear Strength: 3000 psi  
Specific Gravity: 1.15  
Specifications Met: UL 94 HB  
Storage Temperature (Celsius): 22°C  
Storage Temperature (Fahrenheit): 72 Degree Fahrenheit  
Surface Type: Smooth, Unpainted  
Units per Case: 6.0  
Volume (Imperial): 1 qt  
Volume (Metric): 950 mL  
Work Life: 60 min  
eClass 14 Classification Group: 23330109

## **3M™ Scotch-Weld™ Plastic & Rubber Instant Adhesive PR40, Clear, 20 Gram, 10 Bottles/Case**

3M Product Number PR40 3M ID 7010330469 UPC 00051115252044

### **Details**

Bonds to a number of substrates, including plastics and rubbers  
Precise application: pinch container for a precise drop or squeeze for a steady bead  
Low viscosity adhesive is easily applied from the bottle  
Strong, durable and long lasting bond on a variety of substrates  
Fast curing to keep projects moving quickly

### **Typical properties**

Adhesive Type: Cyanoacrylate  
Brands: Scotch-Weld™  
Container Size (Imperial): 0.7 Ounce  
Container Size (Metric): 20 g  
Features: Low Odor  
Full Cure Time: 24 Hours @ 72 F (22 C)  
Gap Fill (Imperial): 0.004 in  
Gap Fill (Metric): 0.102 mm  
Industries: Construction, Consumer Goods, Electronics, General Industrial, MRO, Medical, Metalworking, Military & Government, Specialty Vehicle, Transportation  
Product Color: Transparent  
Product Form: Bottle  
Set Time: 3 to 20 Second  
Storage Temperature (Celsius): 4 °C  
Storage Temperature (Fahrenheit): 40 Degree Fahrenheit  
Units per Case: 10.0  
Viscosity: Self-leveling  
Viscosity Range (cps) at Room Temperature: 34-44  
eClass 14 Classification Group: 23330105

# 3M™ Scotch-Weld™ Urethane Adhesive DP620NS, Black, 400 mL Duo-Pak, 24/Case

Part Number 620 3M Product Number 620 3M ID 7000046372

## Details

**MULTI-PURPOSE:** Adheres to a variety of similar and dissimilar substrates, including concrete, ceramic, wood, plastic, rubber, leather, and metal

**VERSATILE USE:** Made for construction and building, transportation, appliance repair, and a variety of other applications

**HIGH-STRENGTH BONDING:** Helps protect against environmental factors such as temperature, moisture, and chemical exposure

**NON-SAGGING FORMULA:** Stays in place after dispensing to minimize waste and control placement

**OPPORTUNITY TO ADJUST:** Allows up to 20 minutes before the product is fixed in place

**HANDLING TIME:** Offers handling strength in 4 hours

**CURING TIME:** Fully cured in 48 hours at a temperature of 72 °F (22 °C)

**PRODUCT OPTIONS:** Available in bulk form or a Duo-Pak (DP)

## Typical properties

Adhesive Type: Urethane

Application Temperature From (Celsius): -55 °C

Application Temperature To (Celsius): 120 °C

Brands: Scotch-Weld™

Container Size (Imperial): 13.52 fl oz

Container Size (Metric): 400 mL

Full Cure Time: 48 hr

Industries: Construction, General Industrial, MRO, Metalworking, Signage, Specialty Vehicle, Woodworking

Open Time: 20 min

Physical Form: Paste

Product Form: Each

Set Time: 4 hr

Smallest Saleable Unit: Pack

Specific Gravity: 1.13

Surface Type: Rough

Units per Case: 24.0

Volume (Imperial): 13.5 fl oz

Volume (Metric): 400 mL

eClass 14 Classification Group: 23330109

# **3M™ Heavy Duty Spray Adhesive 20CA, Clear, 16 fl oz Can (Net Wt 15.7 oz), 12/Case**

3M Product Number 20CA 3M ID 7100166355 UPC 00076308142711

## **Details**

Clear, high-strength adhesive with open bond time up to one hour  
Aggressive initial tack with sufficient time to align materials  
High solids content for low soak-in property  
GREENGUARD™ certified, helps contribute to LEED® credits and meets CARB and OTC VOC requirements\*  
Perfect for large-scale laminations: bonds a range of large surfaces  
Doesn't yellow over time

## **Typical properties**

Brands: 3M™  
Container Size (Imperial): 16 fl oz (US)  
Container Size (Metric): 473 ml  
Environmental Considerations: California Air Resources Board, GREENGUARD® Certified, Helps contribute to LEED® credits, Low VOC, Ozone Transport Commission, SCAQMD  
Form: Aerosol  
Industries: Appliance, Automotive, Construction, Electronics, Furniture, Metalworking, Woodworking  
Product Color: Transparent  
Product Form: Can  
Spray Pattern: Variable Lace  
eClass 14 Classification Group: 23330115

# **3M™ Super 77™ CA Multipurpose Spray Adhesive, Low VOC <25%, Clear, 24 fl oz (Net Wt 18.0 oz), 12 Can/Case**

Part Number 77CA 3M Product Number 77CA 3M ID 7100014109

## **Details**

**FOR INDUSTRIAL USE ONLY:** This product is designed exclusively for industrial applications

**AGGRESSIVE TACK:** Offers a fast, medium-strength initial grab for a quick bond

**REPOSITION AND ADJUST:** Features sufficient open time to properly position and bond materials

**HIGH-SOLIDS CONTENT:** Supports low soak-in to help provide high coverage and soft, non-dimpling adhesive lines

**MADE FOR PROFESSIONALS:** Provides medium-strength bonding for demanding applications

**VERSATILE ADHESIVE:** Bonds paper, corrugated board, fabric, foam, wood, and more

## **Typical properties**

Brands: Super 77™

Case Quantity: 12.0 Bags per Case

Container Size (Imperial): 24 fl oz (US)

Container Size (Metric): 709.765 ml

Environmental Considerations: California Air Resources Board, GREENGUARD® Certified, Helps contribute to LEED® credits, Low VOC, Ozone Transport Commission, SCAQMD

Product Color: Transparent

Spray Pattern: Mist

eClass 14 Classification Group: 23330106



# 3M™ Scotch-Weld™ Epoxy Adhesive DP460EG, 50 mL Duo-Pak, 12 Each/Case

Part Number DP460EG 3M ID 7100171191 UPC 08887862330559

## Typical properties

Adhesive Type: Epoxy  
Application: Bonding, Potting  
Bond Flexibility: Rigid  
Brands: Scotch-Weld™  
Consistency: Liquid  
Container Size (Imperial): 1.69 fl oz  
Container Size (Metric): 50 mL  
Container Type: Cartridge  
Cure Temperature: Room Temperature  
Cure Time: 24 hr  
Industries: Electronics  
Mix Ratio Volume Base:Accelerator: 2:1  
Open Time: 110 min  
Physical Form: Flowable Liquid  
Product Form: Each  
Shear Strength: 5148 psi  
Smallest Saleable Unit: Each  
Storage Temperature (Celsius): 16°C - 27°C  
Storage Temperature (Fahrenheit): 60 °F - 80 °F  
Surface Type: Smooth  
Time to Handling Strength: 4 hr  
Volume (Imperial): 1.69 fl oz  
Volume (Metric): 50 mL  
Work Life: 110 min  
eClass 14 Classification Group: 23330109

# **3M™ Marine Adhesive Sealant 5200, Tan, 295 mL Cartridge, 12/Case**

3M Product Number 5200 3M ID 7100176316 UPC 00051135065013

## **Details**

Permanent bonding – above and below the waterline  
Industry standard for over 50 years  
Offers extended working time  
Achieves handling strength in 48 hours  
Tough and flexible polyurethane polymer forms strong bonds  
Capable of retaining strong bonds during vibration, swelling, shrinking or shock  
This product comes in tan

## **Typical properties**

Adhesive Type: Polyurethane  
Brands: 3M™  
Industries: Marine  
Product Color: Tan  
Product Form: Cartridge  
eClass 14 Classification Group: 23330106

# 3M™ Scotch-Weld™ Epoxy Adhesive DP125, Gray, 48.5 mL Duo-Pak, 12/Case

Part Number DP125 3M Product Number DP125 3M ID 7100148735

## Details

**VARIOUS APPLICATIONS:** For metal, ceramics, stone, wood, and many plastics  
**A VARIETY OF INDUSTRIES:** Offers secure bonding in transportation, metalworking, signage, specialty vehicle, electronics, construction, and many more

**TOLERATES THERMAL EXPANSION:** Maintains a strong bond under expansion, contraction, and limited movement

**FOR CHALLENGING APPLICATIONS:** Provides a secure bond on dissimilar surfaces

**TIME TO ADJUST:** Allows up to 25 minutes of open working time to reposition the project

**FULL CURE TIME:** Fully cured in 7 days at a temperature of 73 °F (23 °C)

**CERTIFICATIONS:** Is UL 94 HB Certified

**PRODUCT OPTIONS:** Available in bulk form or a Duo-Pak (DP) and translucent or gray

**DIGITAL DISPENSING ASSISTANT:** Help reduce setup time using a free automation tool for time-pressure automated systems

## Typical properties

Adhesive Type: Epoxy

Application: Encapsulating, Potting, Sealing

Brands: Scotch-Weld™

Container Size (Imperial): 1.64 fl oz

Container Size (Metric): 48.5 mL

Design Challenges: Impact & Shock Absorption, Noise Vibration & Harshness Control NVH

Industries: Metalworking, Signage, Specialty Vehicle, Woodworking

Open Time: 25 min @ 72 °F (22 °C)

Physical Form: Flowable Liquid

Product Form: Cartridge

Specifications Met: UL 94 HB

Storage Temperature (Celsius): 16°C - 27°C

Storage Temperature (Fahrenheit): 60 °F - 80 °F

Units per Case: 12.0

Volume (Imperial): 1.71 fl oz

Volume (Metric): 48.5 mL

Work Life: 4 - 8 min

eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Epoxy Adhesive DP125, Gray, 400 mL Duo-Pak, 6/Case

Part Number DP125 3M Product Number DP125 3M ID 7100076727

## Details

**VARIOUS APPLICATIONS:** For metal, ceramics, stone, wood, and many plastics  
**A VARIETY OF INDUSTRIES:** Offers secure bonding in transportation, metalworking, signage, specialty vehicle, electronics, construction, and many more

**TOLERATES THERMAL EXPANSION:** Maintains a strong bond under expansion, contraction, and limited movement

**FOR CHALLENGING APPLICATIONS:** Provides a secure bond on dissimilar surfaces

**TIME TO ADJUST:** Allows up to 25 minutes of open working time to reposition the project

**FULL CURE TIME:** Fully cured in 7 days at a temperature of 73 °F (23 °C)

**CERTIFICATIONS:** Is UL 94 HB Certified

**PRODUCT OPTIONS:** Available in bulk form or a Duo-Pak (DP) and translucent or gray

**DIGITAL DISPENSING ASSISTANT:** Help reduce setup time using a free automation tool for time-pressure automated systems

## Typical properties

Adhesive Type: Epoxy

Application: Bonding, Encapsulating, Potting, Sealing

Application Temperature From (Celsius): -55 °C

Application Temperature To (Celsius): 80 °C

Brands: Scotch-Weld™

Container Size (Imperial): 13.52 fl oz

Container Size (Metric): 400 mL

Design Challenges: Impact & Shock Absorption, Noise Vibration & Harshness Control NVH

Hardness: 70 Shore D

Industries: Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking

Open Time: 25 min @ 72 °F (22 °C)

Performance Level: Best

Physical Form: Flowable Liquid

Product Form: Cartridge

Set Time: 2.5 hr

Shear Strength: 3400 psi

Smallest Saleable Unit: Each

Specific Gravity: 1.26

Specifications Met: UL 94 HB

Storage Temperature (Celsius): 16°C - 27°C

Storage Temperature (Fahrenheit): 60 °F - 80 °F

Surface Type: Smooth

Units per Case: 6.0

Volume (Imperial): 13.52 fl oz

Volume (Metric): 400 mL

Work Life: 25 min

eClass 14 Classification Group: 23330109

# 3M™ Scotch-Weld™ Epoxy Adhesive 2214, Non-Metallic Filled, Cream, 6 oz Cartridge, 4 Each/Case

3M Product Number 2214 3M ID 7000121273 UPC 00021200254963

## Details

**A VARIETY OF SUBSTRATES:** Can be used on aluminum, fiberglass, reinforced plastics, polyester, and phenolics

**A WIDE RANGE OF INDUSTRIES:** Made for the general construction, appliance repair, specialty vehicle, electronics, and metalworking industries

**NON-METALLIC FORMULA:** A variation of the regular 3M™ Scotch-Weld™ Epoxy Adhesive 2214

**A STRONG BOND:** Made to adhere metals quickly and securely within a temperature range of -67°F to 250°F (-55°C to 121°C)

**TIME FOR REWORK:** Allows rework until heat is applied

**FAST-CURING:** A full cure can be achieved in 40 minutes at 250 °F (121 °C)

**FLAMMABILITY RATING:** Meets the standard for UL 94 HB

**COLOR:** Cream

## Typical properties

Adhesive Type: Epoxy

Brands: Scotch-Weld™

Container Size (Imperial): 6 fl oz (US)

Container Size (Metric): 177.44 ml

Design Challenges: Impact & Shock Absorption, Noise Vibration & Harshness Control NVH

Flame Retardant: UL94 HB

Full Cure Time: 40 min @ 250 °F (121 °C)

Hardness: 85 Shore D

Indoor/Outdoor: Both

Industries: Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking

Maximum Operating Temperature (Celsius): 121 °C

Maximum Operating Temperature (Fahrenheit): 175 none

Physical Form: Paste

Product Color: Cream

Product Form: Tube

Product Type: Epoxy Adhesive

Shear Strength: 4000 psi

Smallest Saleable Unit: Each

Specific Gravity: 1.44

Storage Temperature (Celsius): 4.0 °C

Storage Temperature (Fahrenheit): 40.0 °F

Units per Case: 4.0

Viscosity: Non-sag

Viscosity Range (cps) at Room Temperature: 1000000+

Volume (Imperial): 6 fl oz

Volume (Metric): 177 mL

eClass 14 Classification Group: 23330109

## **3M™ Scotch-Weld™ Repair Paste RP-2110 48.5 mL, 6 Each/Case**

Part Number 2110 3M Product Number RP-2110 3M ID 7100160078

### **Details**

Helps reduce Aircraft on Ground (AOG) time and total cost; can be applied directly to repair damaged areas of 3M Polyurethane Protective Tape

In-place reparability helps reduce waste and downtime

Duo-Pak cartridges eliminate the need for weighing and hand-mixing

No intentionally added solvent in composition helps reduce shrinkage and rework

Compatible with 3M™ Polyurethane Protective Tape 8734NA and 8730NA, plus a wide variety of urethane films and coatings

Urethane designed for erosion resistance even in the harshest conditions, including rain and sand erosion

Suitable for repair of 3M Polyurethane Protective Tape and other protective tapes used on aircraft and engine components

Convenient 50 ml Duo-Pak Cartridges for easy application with minimal waste

### **Typical properties**

Application: Surface Protection

Brands: Scotch-Weld™

Container Size (Metric): 485 ml

Factory ISO Certification: No ISO Certification information available

Form: Paste

Product Color: Black

eClass 14 Classification Group: 22170790

## **3M™ Aerospace Sealant AC-350 A-2, 3.5 oz Kit, 24 Kit/Case**

Part Number AC-350 3M Product Number AC-350 3M ID 7100087694

### **Details**

Sealant resists aviation fuels and chemicals commonly used throughout the aviation industry

Various work lives and cure rates help meet a variety of process demands

Available in Class A, B and C to meet a range of requirements

Maintains bond strength on many metal, composite and coated substrates

Low shrinkage results in less rework

### **Typical properties**

Application: Sealing

Application Life: 2 Hour

Brands: 3M™

Container Size (Imperial): 6 Ounce

Cure Type: Fast Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 3.5 Ounce

Sealant Class: A

eClass 14 Classification Group: 22171000



## **3M™ Aerospace Sealant AC-350 B-2, 3.5 oz Kit, 24 Kit/Case**

Part Number AC-350 3M Product Number AC-350 3M ID 7000048211

### **Details**

Sealant resists aviation fuels and chemicals commonly used throughout the aviation industry

Various work lives and cure rates help meet a variety of process demands

Available in Class A, B and C to meet a range of requirements

Maintains bond strength on many metal, composite and coated substrates

Low shrinkage results in less rework

### **Typical properties**

Application: Sealing

Application Life: 2 Hour

Brands: 3M™

Container Size (Imperial): 6 Ounce

Cure Type: Fast Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 3.5 Ounce

Sealant Class: B

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-350 B-1/2, pt Kit, 16 Kit/Case**

Part Number AC-350 3M Product Number AC-350 3M ID 7000123233

### **Details**

Sealant resists aviation fuels and chemicals commonly used throughout the aviation industry

Various work lives and cure rates help meet a variety of process demands

Available in Class A, B and C to meet a range of requirements

Maintains bond strength on many metal, composite and coated substrates

Low shrinkage results in less rework

### **Typical properties**

Application: Sealing

Application Life: 30 Minute

Brands: 3M™

Container Size (Imperial): 1 Pint

Cure Type: Fast Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 12 Ounce

Sealant Class: B

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-350 B-1/2, 3.5 oz Kit, 24 Kit/Case**

Part Number AC-350 3M Product Number AC-350 3M ID 7000123232

### **Details**

Sealant resists aviation fuels and chemicals commonly used throughout the aviation industry

Various work lives and cure rates help meet a variety of process demands

Available in Class A, B and C to meet a range of requirements

Maintains bond strength on many metal, composite and coated substrates

Low shrinkage results in less rework

### **Typical properties**

Application: Sealing

Application Life: 30 Minute

Brands: 3M™

Container Size (Imperial): 6 Ounce

Cure Type: Fast Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 3.5 Ounce

Sealant Class: B

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-350 B-2, 1 pt Kit, 16 Kit/Case**

Part Number AC-350 3M Product Number AC-350 3M ID 7100132356

### **Details**

Sealant resists aviation fuels and chemicals commonly used throughout the aviation industry

Various work lives and cure rates help meet a variety of process demands

Available in Class A, B and C to meet a range of requirements

Maintains bond strength on many metal, composite and coated substrates

Low shrinkage results in less rework

### **Typical properties**

Application: Sealing

Application Life: 2 Hour

Brands: 3M™

Container Size (Imperial): 1 Pint

Cure Type: Fast Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 12 Ounce

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-350 B-2, 25 g Kit, 50 Kit/Case**

Part Number AC-350 3M Product Number AC-350 3M ID 7100087509

### **Details**

Sealant resists aviation fuels and chemicals commonly used throughout the aviation industry

Various work lives and cure rates help meet a variety of process demands

Available in Class A, B and C to meet a range of requirements

Maintains bond strength on many metal, composite and coated substrates

Low shrinkage results in less rework

### **Typical properties**

Application: Sealing

Application Life: 2 Hour

Brands: 3M™

Container Size (Imperial): 1 Ounce

Cure Type: Fast Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 0.5 Ounce

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-350 B-2, 2 oz Kit, 24 Kit/Case**

Part Number AC-350 3M Product Number AC-350 3M ID 7100087750

### **Details**

Sealant resists aviation fuels and chemicals commonly used throughout the aviation industry

Various work lives and cure rates help meet a variety of process demands

Available in Class A, B and C to meet a range of requirements

Maintains bond strength on many metal, composite and coated substrates

Low shrinkage results in less rework

### **Typical properties**

Application: Sealing

Application Life: 2 Hour

Brands: 3M™

Container Size (Imperial): 2.5 Ounce

Cure Type: Fast Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 2 Ounce

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-350 A-2, pt Kit, 16 Kit/Case**

Part Number AC-350 3M Product Number AC-350 3M ID 7010332352

### **Details**

Sealant resists aviation fuels and chemicals commonly used throughout the aviation industry

Various work lives and cure rates help meet a variety of process demands

Available in Class A, B and C to meet a range of requirements

Maintains bond strength on many metal, composite and coated substrates

Low shrinkage results in less rework

### **Typical properties**

Application: Sealing

Application Life: 2 Hour

Brands: 3M™

Container Size (Imperial): 1 Pint

Cure Type: Fast Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 12 Ounce

Sealant Class: A

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-350 B-2, gal Kit, 4 Kit/Case**

Part Number AC-350 3M Product Number AC-350 3M ID 7100030064

### **Details**

Sealant resists aviation fuels and chemicals commonly used throughout the aviation industry

Various work lives and cure rates help meet a variety of process demands

Available in Class A, B and C to meet a range of requirements

Maintains bond strength on many metal, composite and coated substrates

Low shrinkage results in less rework

### **Typical properties**

Application: Sealing

Application Life: 2 Hour

Brands: 3M™

Container Size (Imperial): 1 Gallon

Cure Type: Fast Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 96 Ounce

eClass 14 Classification Group: 22171000



## **3M™ Aerospace Sealant AC-350 A-1, pt Kit, 16 Kit/Case**

Part Number AC-350 3M Product Number AC-350 3M ID 7100166340

### **Details**

Sealant resists aviation fuels and chemicals commonly used throughout the aviation industry

Various work lives and cure rates help meet a variety of process demands

Available in Class A, B and C to meet a range of requirements

Maintains bond strength on many metal, composite and coated substrates

Low shrinkage results in less rework

### **Typical properties**

Application: Sealing

Application Life: 1 Hour

Brands: 3M™

Container Size (Imperial): 1 Pint

Cure Type: Fast Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 12 Ounce

Sealant Class: A

eClass 14 Classification Group: 22171000

## **3M™ Aerospace Sealant AC-350 B-2, 5 gal Kit, 1 Kit/Case**

Part Number AC-350 3M Product Number AC-350 3M ID 7100055461

### **Details**

Sealant resists aviation fuels and chemicals commonly used throughout the aviation industry

Various work lives and cure rates help meet a variety of process demands

Available in Class A, B and C to meet a range of requirements

Maintains bond strength on many metal, composite and coated substrates

Low shrinkage results in less rework

### **Typical properties**

Application: Sealing

Application Life: 2 Hour

Brands: 3M™

Container Size (Imperial): 5 Gallon

Cure Type: Fast Cure

Factory ISO Certification: No ISO Certification information available

Product Color: Brown

Product Form: Kit

Product Volume: 5 Gallon

eClass 14 Classification Group: 22171000

# 3M™ Scotch-Weld™ Epoxy Adhesive 1386, Cream, 1 Quart, 12 Can/Case

3M Product Number 1386 3M ID 7000046326 UPC 00021200199172

## Details

Exceptionally high strength properties at service temperatures from -70°F to 250°F (-57°C to 121°C)

Higher impact, peel and bond strength than many epoxy based adhesives

Easy application by knife coating, trowel, roller coating, pump and high pressure injection methods

Excellent retention of strength after aging in typical environments

Flammability testing per UL94 HB

Wide process window for curing: 300°F to 450°F (150°C to 232°C)

## Typical properties

Adhesive Type: Epoxy

Brands: Scotch-Weld™

Container Size (Imperial): 1 Quart

Container Size (Metric): 0.95 Liter

Design Challenges: Impact & Shock Absorption, Noise Vibration & Harshness Control NVH

Flame Retardant: UL94 HB

Full Cure Time: 1 Hour @ 350 F (177 C)

Indoor/Outdoor: Both

Industries: Construction, Consumer Goods, Electronics, General Industrial, Metalworking, Military & Government, Signage, Specialty Vehicle, Transportation, Woodworking

Maximum Operating Temperature (Celsius): 121 °C

Maximum Operating Temperature (Fahrenheit): 250 none

Physical Form: Flowable Liquid

Product Color: Cream

Product Form: Quart

Product Type: Epoxy Adhesive

Shear Strength: 5500 psi

Specific Gravity: 1.15

Storage Temperature (Celsius): 4.0 °C

Storage Temperature (Fahrenheit): 40.0 °F

Units per Case: 12.0

Viscosity: Non-sag

Viscosity Range (cps) at Room Temperature: 75,000-175,000

Volume (Imperial): 1 qt

Volume (Metric): 950 mL

eClass 14 Classification Group: 23330109

# **3M™ Nitrile Industrial Adhesive 4491, Tan, 5 Gallon Pour Spout (Pail), Drum**

3M Product Number 4491 3M ID 7010310263 UPC 00021200500466

## **Details**

Fast-drying adhesive delivers rapid results  
Adhesive provides strong, flexible bonds for a variety of applications  
Low viscosity grade for spray application  
Resistance to weathering, water, fuels, oil and plasticizers provides long-term durability  
Can be heat cured to obtain superior physical properties

## **Typical properties**

Application: Cabinet Decorative Vinyl Bonding, Large Surface Lamination  
Assembly, Rubber & Vinyl Floor Bonding, Wall Lining and Flooring  
Application Method: Brush, Roll, Spray  
Assembly Type: Large Surface Lamination  
Brands: 3M™  
Container Size (Imperial): 5 Gallon  
Container Size (Metric): 18.93 Liter  
Flame Retardant: Flammable  
Form: Liquid  
Industries: General Industrial, Specialty Vehicle, Transportation  
Open Time: Up to 20 min  
Product Color: Light Tan  
Product Form: Bulk  
Solids Weight Percent (Approximate): 24 %  
Units per Case: 1.0  
eClass 14 Classification Group: 23330115

## По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231  
Ангарск (3955)60-70-56  
Архангельск (8182)63-90-72  
Астрахань (8512)99-46-04  
Барнаул (3852)73-04-60  
Белгород (4722)40-23-64  
Благовещенск (4162)22-76-07  
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Кострома (4942)77-07-48  
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Набережные Челны (8552)20-53-41  
Нижегород (831)429-08-12  
Новокузнецк (3843)20-46-81  
Ноябрьск (3496)41-32-12  
Новосибирск (383)227-86-73  
Омск (3812)21-46-40  
Орел (4862)44-53-42  
Оренбург (3532)37-68-04  
Пенза (8412)22-31-16  
Петрозаводск (8142)55-98-37  
Псков (8112)59-10-37  
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15  
Рязань (4912)46-61-64  
Самара (846)206-03-16  
Санкт-Петербург (812)309-46-40  
Саратов (845)249-38-78  
Севастополь (8692)22-31-93  
Саранск (8342)22-96-24  
Симферополь (3652)67-13-56  
Смоленск (4812)29-41-54  
Сочи (862)225-72-31  
Ставрополь (8652)20-65-13  
Сургут (3462)77-98-35  
Сыктывкар (8212)25-95-17  
Тамбов (4752)50-40-97  
Тверь (4822)63-31-35

Тольятти (8482)63-91-07  
Томск (3822)98-41-53  
Тула (4872)33-79-87  
Тюмень (3452)66-21-18  
Ульяновск (8422)24-23-59  
Улан-Удэ (3012)59-97-51  
Уфа (347)229-48-12  
Хабаровск (4212)92-98-04  
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Челябинск (351)202-03-61  
Череповец (8202)49-02-64  
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