



Industrial Adhesives & Tapes

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3M™ Scotch-Weld™ Epoxy Adhesive DP190 Gray, 1.7 fl oz/50 mL, 12 per case

UPC# 00021200226472 3M Product Number DP-190-Gray 3M ID 62355314352



3M™ Scotch-Weld™ Epoxy Adhesive DP190 is a gray, two-part epoxy adhesive. 1:1 mix ratio, 90 minute work life and handling strength in approximately 10 hours. 3M™ Scotch-Weld™ EPX™ Plus II applicator and mix nozzles are required for dispensing (not included).

- 90 minute worklife
- Flexible bonds
- Medium viscosity
- General industrial, sporting goods, solar energy, wind energy, composites, electronics, military, transportation and aerospace
- Bonding, joining, gluing, attaching, assembling, encapsulating, potting and sealing.

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- Overview
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3M™ Scotch-Weld™ Epoxy Adhesive DP190 has medium viscosity that allows for easy dispensing. Bonds to a variety of materials such as, metals, ceramics, wood and many plastics.

Specifications

Application	Bonding Rubber Floor Tiles, Floor Assembly, Hard Disk Drive Component Assembly
Brand	Scotch-Weld
Chemical Base	Epoxy
Color	Gray
Container Volume	50 Millilitre
Flammability Rating--USA	UL94 HB
Full Cure	7 days @ 72 F (22 C)
Hardness	60 Shore D
Industry - Use	Construction, Consumer Goods, Electronics, General Industrial, Military & Government, Specialty Vehicle, Transportation
Mix Ratio Volume Base:Accelerator	1 : 1
Peel Strength at 72 Degrees F (22 Degrees C)	20 Pound Per Inch (Of Width)
Physical Form	Flowable Liquid
Product Form	Each
Shear Strength at 72 Degrees F (22 Degrees C)	2500 Pound-Force Per Square Inch
Shelf Life	15 Month
Specific Gravity	1.32
Storage Temperature	72 Degree Fahrenheit
Substrate 2	EPDM Rubber, Glass & Ceramics, Metal, Plastics (ABS, PVC, Acrylic), Plastics (High Performance Nylon), Plastics (Polyolefins and Thermoplastic Elastomers), Rubber (Except EPDM), Wood & Hardboard
Time to Handling Strength	10 Hour
Type	Epoxy Adhesive
Units per Case	12
Viscosity Range (cps) at Room Temperature	80,000
Worklife	90 minutes @ 72 F (22 C)

– Accessories



3M™ Scotch-Weld™ EPX™ Plus II 1:1 Plunger, 10 per case



3M™ Scotch-Weld™ EPX™ Plus II Mixing Square Nozzle Gold, 5.3 mm, 12 per bag



3M™ Scotch-Weld™ EPX™ Plus II Applicator W 2:1 and 1:1 Plunger Model 91

