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3M ID 62326614351 UPC# 00021200822629 3M Product Number DP-270-Black [Print](#) [Share](#)



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3M™ Scotch-Weld™ Epoxy Potting Compound DP270 is a rigid, two-part epoxy adhesive potting compound. 1:1 mix ratio, 70 minute work life and handling strength in approximately 3 hours. 3M™ Scotch-Weld™ EPX™ Plus II applicator and mix nozzles are required (not included).

- 70 minute worklife
- Non-corrosive to copper
- Rigid potting compound
- General industrial, sporting goods, solar energy, wind energy, composites, electronics, military, transportation and aerospace
- Bonding, gluing, joining, attaching, assembling, encapsulating, potting and sealing.

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Overview | Support

3M™ Scotch-Weld™ Epoxy Potting Compound DP270 is low viscosity for easy dispensing and potting. Non-corrosive to copper, non-exotherming and high flow. For potting and bonding electronic and electrical components.

Specifications

Application	Hard Disk Drive Component Assembly
Brand	Scotch-Weld
Chemical Base	Epoxy
Color	Black
Container Volume	50 Millilitre
Flammability Rating--USA	UL94 HB
Full Cure	48 hours @ 72 F (22 C)
Hardness	80 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)	2 Pound Per Inch (Of Width)
Physical Form	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	1.06
Storage Temperature	72 Degree Fahrenheit
Substrate 2	Metal
Time to Handling Strength	3 Hour
Type	Epoxy Adhesive
Units per Case	12
Viscosity Range (cps) at Room Temperature	12,000
Worklife	70 minutes @ 72 F (22 C)

Accessories



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



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



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

