



Oil & Gas

3M™ Scotch-Weld™ Epoxy Adhesive DP100 FR Cream, 50 mL, 12 per case

3M ID 62353114358 UPC# 00048011567426 3M Product Number DP-100FR-1.7oz



3M™ Scotch-Weld™ Epoxy Adhesive DP100FR is a rigid, fast setting, flame retardant, two-part epoxy adhesive. 1:1 mix ratio, 6 minute work life and handling strength in approximately 20 minutes. 3M™ Scotch-Weld™ EPX™ Plus II applicator and mix nozzles are required for dispensing (not included).

- 6 minute worklife
- Flame retardant UL 94 V-0 rating
- Rigid bonds
- General industrial, sporting goods, solar energy, wind energy, composites, electronics, military, transportation and aerospace
- Bonding, joining, gluing, attaching, assembling, encapsulating, potting and sealing.

[Overview](#) | [Support](#)

3M™ Scotch-Weld™ Epoxy Adhesive DP100 FR is a fast setting and low viscosity for easy dispensing. Bonds to a variety of materials such as, metals, ceramics, wood and many plastics. It meets UL94 V-0.

Specifications

Application	Hard Disk Drive Component Assembly
Brand	Scotch-Weld
Chemical Base	Epoxy
Color	Cream
Consumer Label	No
Container Volume	50 Millilitre
Flammability Rating--USA	FAR 25.853, UL94 V-0
Full Cure	24-48 hours @ 72 F (22 C)
Hardness	39 Shore D
Industry - Use	Construction, Consumer Goods, Electronics, General Industrial, Military & Government, MRO, Specialty Vehicle, Transportation
Mix Ratio Volume Base:Accelerator	1 : 1

Accessories




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



3M™ Scotch-Weld™ EPX™ Mix Nozzle Sq Gold, 37 mL and 50 mL, 12 per bag



Peel Strength at 72 Degrees F (22 Degrees C)	2 Pound Per Inch (Of Width)
Physical Form	Flowable Liquid
Product Form	Each
Shear Strength at 72 Degrees F (22 Degrees C)	2200 Pound-Force Per Square Inch
Shelf Life	15 Month
Specific Gravity	1.37
Storage Temperature	72 Degree Fahrenheit
Substrate 1	Glass & Ceramics, Metal
Substrate 2	Glass & Ceramics, Metal
Time to Handling Strength	20 Minute
Type	Epoxy Adhesive
Units per Case	12
Viscosity Range (cps) at Room Temperature	80,000
Worklife	6 minutes @ 72 F (22 C)



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