Oil & Gas

## 3M<sup>™</sup> Scotch-Weld<sup>™</sup> Epoxy Adhesive DP100 FR Cream, 50 mL, 12 per case

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



3M<sup>™</sup> Scotch-Weld<sup>™</sup> 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<sup>™</sup> Scotch-Weld<sup>™</sup> EPX<sup>™</sup> 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

 $3M^{\text{TM}}$  Scotch-Weld<sup>TM</sup> 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	Ероху		
Color	Cream		0
Consumer Label	No	10	
Container Volume	50 Millilitre		
Flammability RatingUSA	FAR 25.853, UL94 V-0	3M <sup>™</sup> Scotch-Weld <sup>™</sup>	3M™ Scotch-Weld™
Full Cure	24-48 hours @ 72 F (22 C)	EPX <sup>™</sup> Plus II Applicator W 2:1 and	EPX™ Mix Nozzle Sq Gold, 37 mL and 50
Hardness	39 Shore D	1:1 Plunger Model 91	mL,12 per bag
Industry - Use	Construction, Consumer Goods, Electronics, General Industrial, Military & Government, MRO, Specialty Vehicle, Transportation		
Mix Ratio Volume Base:Accelerator	1:1		

Accessories

Peel Strength at 72 Degrees F (22 Degrees C)2 Pound Per Inch (07 Width)Physical FormFlowable Liquid3M"' Soctch-Weld''' EPX''' Plus II 1:1 Plunger, 10 per caseProduct FormEach3M"' Soctch-Weld''' EPX''' Plus II 1:1 Plunger, 10 per caseShear Strength at 72 Degrees F (22 Degrees C)200 Pound-Force Per Square Inch3M''' Soctch-Weld''' EPX''' Plus II 1:1 Plunger, 10 per caseSheff Life15 Month15 Month16 MonthStorage Temperature10 Socramics, Metal17 MonthSubstrate 1Gass & Ceramics, Metal16 MonthSubstrate 2Gass & Ceramics, Metal16 MonthTypeEoxy Adhesive18 MonthUnits per Case18 MonthMins per Case18 MonthMins per Case19 MonthMins per Case19 MonthMins per Case10 MonthMins per Case			
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Units per Case12Viscosity Range (cps) at80,000Room Temperature	Time to Handling Strength	20 Minute	
Viscosity Range (cps) at 80,000 Room Temperature	Туре	Epoxy Adhesive	
Room Temperature	Units per Case	12	
Worklife 6 minutes @ 72 F (22 C)		80,000	
	Worklife	6 minutes @ 72 F (22 C)	

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