



## Industrial Adhesives & Tapes

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

3M ID 62353114358 UPC# 00048011567426 Part Number DP100FR 3M Product Number DP100



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

### Documents

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

<b>Applications</b>	Hard Disk Drive Component Assembly
<b>Brand</b>	Scotch-Weld
<b>Chemical Base</b>	Epoxy
<b>Color</b>	Cream
<b>Consumer Label</b>	No
<b>Container Volume</b>	50 ml
<b>Full Cure</b>	24-48 Hours @ 72 F (22 C)
<b>Hardness</b>	39 Shore D
<b>Industries</b>	Transportation, Specialty Vehicle, Construction, Military & Government, General Industrial, MRO, Electronics, Consumer Goods
<b>Mix Ratio Volume Base:Accelerator</b>	1 : 01
<b>Peel Strength at 72 Degrees F (22 Degrees C)</b>	2 lb/in
<b>Physical Form</b>	Flowable Liquid
<b>Product Form</b>	Each
<b>Shear Strength at 72</b>	2200 Pound-Force Per Square Inch

**Degrees F (22 Degrees C)**

<b>Shelf Life</b>	15 Months
<b>Specific Gravity</b>	1.37
<b>Storage Temperature</b>	72 Degree Fahrenheit
<b>Substrate 1</b>	Metal, Glass & Ceramics
<b>Substrate 2</b>	Metal, Glass & Ceramics
<b>Time to Handling Strength</b>	20 Minute
<b>Type</b>	Epoxy Adhesive
<b>Viscosity Range (cps) at Room Temperature</b>	80,000
<b>Worklife</b>	6 minutes @ 72 F (22 C)