



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



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

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