

One Side Silicone Rubber Coated Fiberglass Cloth: Heavy Duty
500°F / 260°C: FlameShield™ High Temperature, Heat & Flame Resistant
Molten Metal SplashGuard™ / Fire Blanket / Welding Blanket / Curtains-Shields



- Heavy Duty Coated One Side: 98 oz/yd².
- Resists Molten Metal Splash, Welding Splatter & Grinding Spark.
- Used to fabricate shields and curtains. Can be sewn with Hook & Loop closure to form a protection sleeve for hoses & cables.
- Used for high temperature flexible joints.
- Robotic welding arm and elbow covers & cable protectors.
- This is the heaviest most severe duty fabric available for molten metal & slag protection.
- Can be fabricated into shields and covers, custom sleeves for EAF cable protection.

500°F / 260°C continuous rating with weld splatter / molten metal splash protection.
 2200°F / 1205°C for short term exposure and short peak excursions to 3000°F / 1650°C.

| FlameShield™ 1 side silicone rubber coated high temperature fiberglass fabric Roll lengths of 25 and 34 yards | | | |
|--|---|--------------------|-------------------|
| Part Number | Weight per Linear foot oz/yd ² | Roll Width In / cm | Thickness In / mm |
| F-FG-SR1-12540-98 | 2.20 lbs / 98 | 40 / 101 | 0.125 / 3.175 |

The color of this fabric is oxide-red

Heavy Duty 98 oz/yd² SplashGuard™ is an extreme duty fabric often fabricated into sleeves or other forms to protect hoses, cables and equipment from extreme industrial environments. Can be used to drape over moulds and forms during liquid metal pouring operations to slow the cooling rate of the ingot. Excellent molten metal splash protection.

All of these fabrics provide excellent cold temperature performance with flexibility to -76°C for refrigeration and cryogenic applications. These materials can be easily used to make shield and covers that are assembled with mechanical fasteners. Easily punched or drilled for installation of grommets, or insertion of sheet metal screws or bolts.

**This Product is Available By-The-Yard / Metre: Discounts for full roll purchases
 Custom Slitting to Any Width Available**

F-FG-SR1-12540-98 Specifications

| PRODUCT COMPOSITION | | ENGLISH | METRIC |
|--|--------------------------------|-------------------------------------|-------------------------|
| Silicone Rubber – proprietary formulation | | 0.045 inch | 114 micr |
| Heat-Treated Fiberglass Fabric – plain weave | | 0.055 inch | 140 micron |
| | | 42.0 oz/yd ² | 1.4 kg/m ² |
| PHYSICAL PROPERTIES | TEST METHOD | ENGLISH | METRIC |
| Composite Weight | ASTM D3776 | 96 oz/yd ² | 3.3 kg/m ² |
| Nominal Thickness | ASTM D1777 | 0.100 inch | 254 micron |
| Tensile Strength | ASTM D5035 | warp | 40.2 kg/cm |
| | | fill | 22.8 kg/cm |
| Tear Strength | ASTM D5035 | warp | 13.6 kg/cm |
| | | fill | 9.1 kg/cm |
| Bursting Strength | ASTM D3786 | 550 psi | 38.5 kg/cm ² |
| Low Temperature Resistance | -40°F [-40°C] | Remains Flexible No Delamination | |
| High Temperature Resistance | +500°F [+260°C] | Remains Flexible No Delamination | |
| Base Fabric/Weave | Fiberglass/plain weave | | |
| Color/Coating | Red Iron Oxide/silicone rubber | | |