

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		

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



- **Medium Duty Silicone Rubber Coated One Side: 50 oz/yd².**
- **Molten Metal Splash, Welding Splatter & Grinding Spark Shields and Curtains.**
- **Robotic welding arm and elbow covers & cable protectors.**

500°F / 260°C continuous rating with weld splatter / molten metal splash protection.
 2200°F / 1205°C for periods up to 15 minutes and short excursions to 3000°F / 1650°C.

FlameShield™ 1 side coated high temperature fiberglass fabric			
Part Number	Weight Linear foot / oz/yd²	Roll Width In / cm	Thickness In / mm
F-FG-SR1-06336-50*	1.10 lbs / 50	36 / 91	0.063 / 1.60

The color of this fabric is oxide-red

Available in 50 yard rolls

Medium Duty 50 oz/yd² and other lighter fabrics and 2 side coated fabrics are used as high temperature curtains and shields, weld splatter and pyro resistant sleeves and jackets, weather or spray-down / wash-down resistant high temperature fabric for making protective covers, sleeves, jackets. Very good 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.

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Custom Slitting to Any Width Available