

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

- **Heavy Duty Coated One Side: Available 50 oz/yd<sup>2</sup> and 98 oz/yd<sup>2</sup>**
- **Molten Metal Splash, Welding Splatter & Grinding Spark Shields and Curtains**
- **Robotic welding arm and elbow covers & cable protectors**



Medium-Heavy Duty 50 oz/yd<sup>2</sup>.....  
Coated 1 side



Heavy Duty 98 oz/yd<sup>2</sup>  
Coated 1 side

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.

<b>FlameShield™ 1 side coated high temperature fiberglass fabric</b>					
<b>Part Number</b>	<b>Weight Linear foot / oz/yd<sup>2</sup></b>	<b>Roll Width In / cm</b>	<b>Thickness In / mm</b>	<b>Price per Yard</b>	<b>Price per Metre</b>
F-FG-SR1-12540-98	2.20 lbs / 98	40 / 101	0.125 / 3.175	\$ 297.64	\$ 325.50
F-FG-SR1-6336-50*	1.10 lbs / 50	36 / 91	0.063 / 1.60	\$ 124.76	\$ 135.99

The color of this fabric is oxide-red

-98 is available in 25 yard rolls; -50 is available in 50 yard rolls

\* This material may be certified to MIL-I-24244 and meets NRC 1.36.

Heavy Duty 98 oz/yd<sup>2</sup> 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.

Heavy Duty 50 oz/yd<sup>2</sup> 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.

See website for more detailed photos of these fabrics.

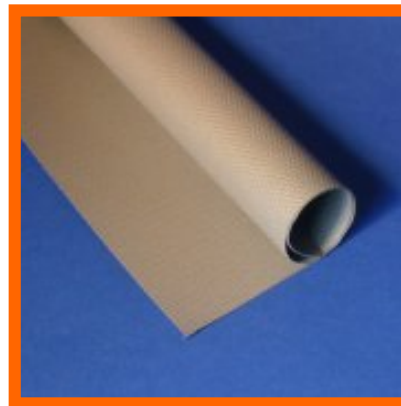
**This Product is Available By-The-Yard / Metre: Discounts for full roll purchases**

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

- **Light & Medium Duty Coated Two Sides**
- **Water & Oil Resistant; Flame Retardant; Low Smoke; Easily Sewn**



Medium Duty 18 to 32 oz/yd<sup>2</sup>  
Coated 2 sides



Light Duty 8.5 to 18 ox/yd<sup>2</sup>  
Coated 2 sides

500°F / 260°C continuous rating with weld splatter / molten metal splash protection.  
(700°F / 260°C for 100 hours results in strength loss of 50%)

2200°F / 1205°C for periods up to 15 minutes and short excursions to 3000°F / 1650°C.

<b>FlameShield™ 2 side coated high temperature fiberglass fabrics</b>					
<b>Part Number</b>	<b>Weight Linear foot / oz/yd<sup>2</sup></b>	<b>Roll Width In / cm</b>	<b>Thickness In / mm</b>	<b>Price per Yard</b>	<b>Price per Metre</b>
F-FG-SR2-00960-8.5-2-SG	0.29 lbs / 8.5	60 / 152	0.009 / 0.23	\$ 28.33	\$ 30.88
F-FG-SR2-1460-15-2-SG	0.52 lbs / 15	60 / 152	0.014 / 0.36	\$ 34.16	\$ 37.24
F-FG-SR2-1560-18-2-SG	0.40 lbs / 18	60 / 152	0.015 / 0.38	\$ 26.28	\$ 28.65
F-FG-SR2-1760-18-2-OR	0.46 lbs / 18	60 / 152	0.018 / 0.43	\$ 38.61	\$ 42.09
F-FG-SR2-1760-18-2-SG	0.46 lbs / 18	60 / 152	0.018 / 0.43	\$ 38.61	\$ 42.09
F-FG-SR2-1960-26-2-SG	0.54 lbs / 26	60 / 152	0.019 / 0.46	\$ 61.94	\$ 67.51
F-FG-SR2-3260-32-2-SG	0.70 lbs / 32	60 / 152	0.032 / 0.81	\$ 108.16	\$ 117.89

COLORS: OR = Oxide-Red / SG = Silver Grey. Available in lengths up to 150 feet / 50 Yards / 45 Metres

This material may be certified to MIL-I-24244 and meets NRC 1.36.

These fabrics are used to fabricate sleeves and other shapes 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.

Other lighter 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, expansion joints.

All of these fabrics provide excellent cold temperature performance with flexibility to -76°C for refrigeration and cryogenic applications. Flame Resistance: All fabrics provide 1 second maximum Flame Out and Afterglow; test method FED 191/5903.2.

**F-FG-SR-1760-18-OR/SG** is designed to meet the rigid requirements of aviation and nuclear applications. Meets UL214 / NFPA-701, NRC Guide 1.36 and MIL-I-24244. Tensile strength 325 lbs/inch warp minimum / 250 lbs/inch fill minimum (ASTM-D-5035); tear strength 60 lbs min warp and fill (ASTM-D-5587); burst strength 600 psi minimum (ASTM-D-3786); flame resistance char length 1/16" max, afterglow 1 second max, flame out 1 second max (ASTM D-6413 & FED 191/5903.2). Weight and thickness as per ASTM-D-3776 & ASTM-D-1777.

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