



## SPECIAL COATED THERMOGLASS CLOTH

A light weight fiberglass woven fabric with a silver-gray silicone rubber to yield a 15 oz. cloth. Applications include weld curtains, insulation systems, expansion joints, and flange/valve covers. Resistant to most chemicals and solvents, water, and high temperatures. Cloth is easily fabricated.

### About AMATEX Corporation

Amatex manufactures industrial heat resistant textiles featuring Thermoglass™ fiberglass products, silica fabrics, and proprietary treated and coated products. These items include broad woven roll goods and narrow products in the form of woven and knitted tapes, sleeving, rope, and gasketing. With fiberglass and silica as the base textile, Amatex offers top and immersion coatings of Silicone, Teflon, Vermiculite, Neoprene, and Acrylic. Heat treating, dyeing, and coloration of the coatings are also available.

#### **Amatex fabrics are commonly used in the following applications:**

- Welding Cloth
- Foundry Cloth
- Insulation Cloth
- Heat Shield
- Gasketing
- Marine Insulation
- Industrial Insulation
- Pad Cloth
- Fire Barriers
- Fire Curtains
- Industrial Belting
- Filtration
- Expansion Joints
- Protective Clothing

## Over 100 Years

*Proud American Manufacturers of Industrial Textiles*



## Special Coated Thermoglass Cloth Data Sheet

	<b>G15SIL Silicone Coated Fabric</b>
<b>Base Fabric</b>	Fiberglass
<b>Color/Appearance</b>	Silver-gray
<b>Available Widths, standard</b>	60" (1.5m)
<b>Roll Length, yards</b>	50 (45.7m)
<b>Weave Style</b>	Satin Weave
<b>Fabric Weight, oz./sq yd, average</b>	15 (coated) (510 gm/sq.m)
<b>Fabric Thickness, inches</b>	0.015 (+/- .005") (0.39 mm)
<b>Warp Strength, lbs/in.</b>	300 (136 Kg/2.54 cm)
<b>Fill Strength, lbs/in.</b>	300 (136 Kg/2.54 cm)
<b>Abrasion Resistance</b>	Very Good
<b>Temperature Tolerance</b>	-65 deg. F to 450 deg. F continuous; Base Fabric 1000 deg. F continuous
<b>Coating Certifications</b>	MIL-I-24244, ASTM E162
<b>Base Fabric Certifications</b>	MIL-Y-1140, MIL-I-24244
<b>Oil &amp; Hydrocarbon Certifications</b>	MIL-PRF-20696F at additional cost
<b>Solvent Resistance</b>	n/a
<b>Sunlight &amp; Age Resistance</b>	Excellent
<b>Electrical Properties</b>	n/a
<b>Available Finishes</b>	Silver-gray cured silicone rubber, Black silicone rubber
<b>Certifications</b>	NFPA 701, ANSI/FM 4950 for curtain



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