



## SPECIAL COATED THERMOGLASS CLOTH

A heavier weight fiberglass woven fabric coated with color pigmented silicone rubber to yield a 32 oz. cloth. Applications include equipment and personnel heat shields, splash curtains, and pipe or duct wrap. Resistant to most chemicals and solvents, weld splatter and light metal splash.

### 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>G32SIL Silicone Coated Fabric</b>
<b>Base Fabric</b>	Fiberglass
<b>Color/Appearance</b>	Red or silver-gray, both sides
<b>Available Widths, standard</b>	40", 60" (1.0 & 1.5m)
<b>Roll Length, yards</b>	25 & 50 (22.8 & 45.7m)
<b>Weave Style</b>	Satin, 8 harness
<b>Fabric Weight, oz./sq yd, average</b>	32 (coated) (1087 gm/sq.m)
<b>Fabric Thickness, inches</b>	0.035 (0.89mm)
<b>Warp Strength, lbs/in.</b>	410 (186 Kg/2.54 cm)
<b>Fill Strength, lbs/in.</b>	375 (170 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>Base Fabric Certifications</b>	MIL-Y-1140; MIL-I-24244
<b>Coating Certifications</b>	MIL-I-24244, ASTM E162; ASTM E84.84a, MIL-C-24567 (SH); NSN 8305-01-035-1057
<b>Oil &amp; Hydrocarbon Certifications</b>	MIL-C-20696, section 4.4
<b>Solvent Resistance</b>	Oil & Hydraulic fluid resistance
<b>Sunlight &amp; Age Resistance</b>	Excellent
<b>Electrical Properties</b>	n/a
<b>Available Finishes</b>	Silver-gray cured silicone rubber; Red Silicone rubber; Other silicone colors available
<b>Certifications</b>	NFPA 701, ANSI/FM 4950 for curtain



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