



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

	G32SIL Silicone Coated Fabric
Base Fabric	Fiberglass
Color/Appearance	Red or silver-gray, both sides
Available Widths, standard	40", 60" (1.0 & 1.5m)
Roll Length, yards	25 & 50 (22.8 & 45.7m)
Weave Style	Satin, 8 harness
Fabric Weight, oz./sq yd, average	32 (coated) (1087 gm/sq.m)
Fabric Thickness, inches	0.035 (0.89mm)
Warp Strength, lbs/in.	410 (186 Kg/2.54 cm)
Fill Strength, lbs/in.	375 (170 Kg/2.54 cm)
Abrasion Resistance	Very Good
Temperature Tolerance	-65 deg. F to 450 deg. F continuous; Base Fabric 1000 deg. F continuous)
Base Fabric Certifications	MIL-Y-1140; MIL-I-24244
Coating Certifications	MIL-I-24244, ASTM E162; ASTM E84.84a, MIL-C-24567 (SH); NSN 8305-01-035-1057
Oil & Hydrocarbon Certifications	MIL-C-20696, section 4.4
Solvent Resistance	Oil & Hydraulic fluid resistance
Sunlight & Age Resistance	Excellent
Electrical Properties	n/a
Available Finishes	Silver-gray cured silicone rubber; Red Silicone rubber; Other silicone colors available
Certifications	NFPA 701, ANSI/FM 4950 for curtain



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