



SILICONE IMPREGNATED THERMOGLASS CLOTH

An AMATEX woven fiberglass base fabric impregnated with a high quality silicone. Finish offers a smooth, slick surface providing for efficient processing in cut and sew operations. This product is designed for cut & sew fabrication of high temperature (500°F) removable pads and covers.

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



Silicone Impregnated Thermoglass Cloth Data Sheet

	G17SIL Silicone Impregnated Fabric
Base Fabric	Fiberglass
Color/Appearance	Silver-gray or red
Available Widths, ASTM D3774	60" (1.5m)
Roll Length, yards	50 (45.7m)
Weave Style	Satin Weave
Fabric Weight, oz./sq yd., ASTM D3776	17 (578 gm/sq.m)
Fabric Thickness, in., ASTM D1777	0.017 +/-0.005" (0.43mm)
Warp Strength, lbs/in., ASTM D5035	300 (136kg/2.54cm)
Fill Strength, lbs/in., ASTM D5035	300 (136kg/2.54cm)
Abrasion Resistance, ASTM D3884	Good
Temperature Tolerance	-65°F to 500°F Continuous service 700°F Intermediate service Base fabric 1000°F Passes NFPA 701 Certification Available
Base Fabric Certifications	MIL-Y-1140 at additional cost MIL-I-24244 at additional cost
Coating Certifications	MIL-PRF-20696f, section 4.4 Testing at additional cost
Oil & Hydrocarbon Certifications	MIL-C-20696, section 4.4 at additional cost
Solvent Resistance	n/a
Sunlight & Age Resistance	Excellent
Electrical Properties	n/a
Available Finishes	Silver-gray or Red cured silicone rubber; Other silicone colors available
Certifications	NFPA 701, ANSI/FM 4950 for curtain



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