



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

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



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