



PREMIUM QUALITY FIBERGLASS CLOTH

An AMATEX woven thermoglass fabric of a super heavy weight, plain weave, loom stage finish. Applications include stress relieving, pad fabrics, blankets, curtains, oil waste retaining. Resistant to most chemicals, offers good thermal protection to temperatures up to 1000 degrees F.

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



Premium Quality Fiberglass Cloth Data Sheet

G70P44- -31	
Description	An AMATEX woven double cloth thermoglass fabric of a super heavy weight, plain weave, loom stage finish. Applications include stress relieving, pad fabrics, blankets, curtains, oil waste retaining. Resistant to most chemicals, offers good thermal protection to temperatures up to 1000 degrees F.
Base Fabric	Fiberglass
Color/Appearance	White
Available Widths, standard	40" (+1/-5)
Roll Length, yards	50 (45.7m)
Weave Style	Plain
Fabric Weight, oz./sq yd, average	70 (2380 gm/sq.m) +/- 10%
Fabric Thickness, inches	0.109 +/-5.0mils (2.77 mm)
Warp Strength, lbs/in.	500.0 (227 Kg/2.54cm)
Fill Strength, lbs/in.	300.0 (136 Kg/2.54cm)
Abrasion Resistance	Excellent
Temperature Tolerance	To 1000 deg. F (540 deg. C) Higher for very brief periods.
Chemical Resistance	Excellent except Hydrofluoric and hot Phosphoric acid and wet Hydrogen Chloride
Solvent Resistance	Excellent
Sunlight & Age Resistance	Excellent
Electrical Properties	High dielectric strength, low constants
Available Finishes	
Finish Number	00 Loom Stage; 31, Heat Treated; See Fabric Options data sheet Vermiculite, silicone coated (1S)



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