



ALUMINIZED FIBERGLASS CLOTH

An AMATEX woven thermoglass fabric, plain weave, heat treated with aluminum foil on one side. Applications include protective curtains, lagging cloth, vapor and flange spray shields, and heat reflection. 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



Aluminized Fiberglass Cloth Data Sheet

G19P33- -31AL3	
Base Fabric	Fiberglass
Color/Appearance	Aluminum foil one side, tan reverse side
Available Widths, standard	48", 58", 60" (1.22m, 1.47m, 1.52m)
Fabric Weight, oz./sq yd, average	20.5 (697 gm/sq.m)
Fabric Thickness, inches	0.032 (0.81mm)
Warp Strength, lbs/in.	200.0 (90.9 Kg/2.54cm)
Fill Strength, lbs/in.	100.0 (45.5 Kg/2.54cm)
Abrasion Resistance	Medium
Temperature Tolerance	To 1000 deg. F, base fabric (540 deg. C); 500 deg. F aluminized side (260 deg. C)
Base Fabric Certifications	MIL-C-20079H, MIL-I-24244; US Coast Guard 164.009, NRC 1.36
Coating Certifications	1 Mil Aluminum Foil
Chemical Resistance	Excellent except Hydrofluoric and hot Phosphoric acid and wet Hydrogen Chloride
Solvent Resistance	Excellent
Sunlight & Age Resistance	Excellent
Available Finishes	
Finish Number	31 Heat Treat, AL3 Aluminum foil one side; See Fabric Finish Options data sheet



1032 Stanbridge Street,
 Box 228, Norristown, PA 19404-0228 U.S.A.
 Tel: 610-277-6100 • 800-441-9680 • Fax: 610-277-6106
 Email: sales@amatex.com • www.amatex.com