



ALUMINIZED FIBERGLASS CLOTH

An AMATEX woven thermoglass fabric of medium weight in a plain weave, aluminized film on one side. Applications include protective curtains, lagging cloth, vapor and flange spray shields, molten metal splash. 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

G22P34- -AL1	
Base Fabric	Fiberglass
Color/Appearance	Aluminized film one side, white reverse side
Available Widths, standard	40" (1.0m)
Fabric Weight, oz./sq yd, average	24 (815 gm/sq.m)
Fabric Thickness, inches	0.038 (0.97mm)
Warp Strength, lbs/in.	200.0 (91.0 Kg/2.54cm)
Fill Strength, lbs/in.	250 (114 Kg/2.54 cm)
Abrasion Resistance	Medium
Temperature Tolerance	To 1000 deg. F, base fabric (540 deg. C); 500 deg. F aluminized side (260 deg. C)
Coating Certifications	Mylar
Chemical Resistance	Base Fabric Only, excellent except Hydrofluoric and hot Phosphoric acid and wet Hydrogen Chloride
Solvent Resistance	Excellent
Sunlight & Age Resistance	Excellent
Available Finishes	
Finish Number	AL Aluminized film Laminated; See Fabric Finish Options data sheet



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