



## ALUMINIZED FIBERGLASS CLOTH

An AMATEX woven thermoglass fabric, plain weave, heat treated and aluminized 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

<b>G12P73- -31AL3</b>	
<b>Base Fabric</b>	Fiberglass
<b>Color/Appearance</b>	Aluminum foil one side, white reverse side
<b>Available Widths, standard</b>	58" (1.47 m)
<b>Roll Length, yards</b>	50 (45.7m)
<b>Weave Style</b>	Plain
<b>Construction, ends x picks/sq.in.</b>	18x14 (x2) (7.1 x 5.5/cm)
<b>Fabric Weight, oz./sq yd, average</b>	12.8 (435 gm/sq.m)
<b>Fabric Thickness, inches</b>	0.026 (0.66 mm)
<b>Warp Strength, lbs/in.</b>	100.0 (45.4 Kg/2.54cm)
<b>Fill Strength, lbs/in.</b>	60.0 (27.3 Kg/2.54cm)
<b>Abrasion Resistance</b>	Medium
<b>Temperature Tolerance</b>	To 1000 deg. F (540 deg. C)
<b>Base Fabric Certifications</b>	MIL-C-20079H, MIL-I-24244; US Coast Guard 164.009, NRC 1.36
<b>Coating Certifications</b>	1 Mil Aluminum Foil
<b>Chemical Resistance</b>	Excellent except Hydrofluoric and hot Phosphoric acid and wet Hydrogen Chloride
<b>Solvent Resistance</b>	Excellent
<b>Sunlight &amp; Age Resistance</b>	Excellent
<b>Finish Number</b>	AL3 Aluminum Foil Laminate; See Fabric Options data sheet



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