



METALLIC WIRE INSERTED CLOTH

An AMATEX woven thermoglass fabric, heavy weight, plain weave with brass wire inserted. Applications include packing and lagging fabric, boiler gaskets, and insulation blankets. Resistant to most chemicals, offers good thermal protection for temperatures up to 1050 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

Metallic Wire Inserted Cloth Data Sheet

	G49PVV
Base Fabric	Fiberglass w/0.007" Brass wire insert
Color/Appearance	White
Available Widths, standard	40", 60" (1.0m, 1.5m)
Roll Length, yards	50 (45.7m)
Weave Style	Plain
Fabric Weight, oz./sq yd, average	49 (1665 gm/sq.m)
Fabric Thickness, inches	0.065 (+/- .005") (1.65 mm)
Warp Strength, lbs/in.	300.0 (137 Kg/2.54cm)
Fill Strength, lbs/in.	350.0 (159 Kg/2.54cm)
Abrasion Resistance	Good
Temperature Tolerance	To 1050 deg. F, (566 deg. C) Higher for very brief periods
Chemical Resistance	Excellent except Hydrofluoric and hot phosphoric and wet Hydrogen Chloride.
Solvent Resistance	Excellent
Sunlight & Age Resistance	Excellent
Finish Number	See Fabric Finish Options data sheet



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