AMATEX CORPORATION

Industrial Quality Vertex Cloth

An AMATEX woven roving thermoglass fabric of a heavier weight in a twill weave with a stainless steel insert coated with natural Vertex. Applications include all general industrial uses as well as welding and stress relief blankets and drop cloths. Resistant to most chemicals, offers thermal protection for temperatures up to 1600 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

Industrial Quality Vertex Cloth Data Sheet

	G29T3S-60-7N
Base Fabric	Fiberglass w/ Stainless Steel Insert (SS in fill only)
Available Widths, standard	40", 60" (1.0m, 1.5m)
Roll Length, yards	50 (45.7m)
Weave Style	Twill
Fabric Weight, oz./sq yd, average	30 (1020 gm/sq.m)
Fabric Thickness, inches	0.048 (+/-.005") (1.22mm)
Warp Strength, lbs/in.	600.0 (272 Kg/2.54cm)
Fill Strength, lbs/in.	350.0 (158 Kg/2.54 cm)
Abrasion Resistance	Good
Temperature Tolerance*	To 1600 deg. F (870 deg. C) Higher for very brief periods
Chemical Resistance	Excellent except Hydrofluoric and hot Phosphoric acid and wet Hydrogen Chloride
Solvent Resistance	Very Good
Sunlight & Age Resistance	Very Good
Electrical Properties	High dielectric strength/low constants
Available Finish Numbers	7N, Natural Vertex; See Fabric Options data sheet
	*Temperature Tolerance established only as a benchmark of fabric to a propane torch flame test exposing the fabric to 2000°F during which hole(s) d not form in the cloth. At this temperature the fiberglass fabric does, however, embrittle.

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