



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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