



INDUSTRIAL QUALITY VERTEX CLOTH

An AMATEX woven roving thermoglass fabric of a medium weight, plain weave coated with blue Vertex. Applications include all general industrial uses as well as welding and stress relief blankets and drop cloths. Resistant to most chemicals, offers flame 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

G24PBB- -7B

Description	An AMATEX woven roving thermoglass fabric of a medium weight, plain weave coated with blue Vertex. Applications include all general industrial uses as well as welding and stress relief blankets and drop cloths. Resistant to most chemicals, offers flame protection for temperatures up to 1600 degrees F.
Base Fabric	Fiberglass
Color/Appearance	Blue
Available Widths, standard	40", 60" (1.0m, 1.5m)
Roll Length, yards	50 (45.7m)
Weave Style	Plain
Fabric Weight, oz./sq yd, average	24 (814 gm/sq.m)
Fabric Thickness, inches	0.042 (+/-0.005") (1.06mm)
Warp Strength, lbs/in.	200 (90 Kg/2.54 cm)
Fill Strength, lbs/in.	150.0 (68 Kg/2.54 cm)
Abrasion Resistance	Fair
Temperature Tolerance*	To 1600 deg. F, base fabric (870 deg. C) Higher for very brief periods
Chemical Resistance	Excellent except Hydrofluoric and hot Phosphoric acid and wet Hydrogen Chloride
Solvent Resistance	Excellent
Sunlight & Age Resistance	Excellent
Electrical Properties	High dielectric strength/low constants
Available Finishes	
Finish Number	7B, Vertex Blue; 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) did not form in
the cloth. At this temperature the
fiberglass fabric does, however,
embrittle.



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