



## INDUSTRIAL QUALITY VERTEX CLOTH

An AMATEX woven roving thermoglass fabric of a heavy weight, plain weave style coated with blue Vertex. Applications include all general industrial uses such as blankets, covers and protective curtains, and pads. 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

<b>G40PAE</b>	
<b>Base Fabric</b>	Fiberglass
<b>Color/Appearance</b>	Blue
<b>Available Widths, standard</b>	40", 60" (1.0m, 1.5m)
<b>Roll Length, yards</b>	50 (45.7m)
<b>Weave Style</b>	Plain
<b>Fabric Weight, oz./sq yd, average</b>	40 (1359 gm/sq.m)
<b>Fabric Thickness, inches</b>	0.060 (+/-0.005") (1.52mm)
<b>Warp Strength, lbs/in.</b>	240.0 (109 Kg/2.54cm)
<b>Fill Strength, lbs/in.</b>	200.0 (90 Kg/2.54 cm)
<b>Abrasion Resistance</b>	Good
<b>Temperature Tolerance*</b>	To 1600 deg. F (870 deg. C) Higher for very brief periods
<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>Electrical Properties</b>	High dielectric strength/low constants
<b>Available Finishes</b>	
<b>Finish Number</b>	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) do not form in the cloth. At this temperature the fiberglass fabric does, however, embrittle.



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