



## AMATEX SILICA FABRICS

A woven continuous filament amorphous silica fabric. Applications include pad fabrics, expansion joints, valve covers, special curtain materials. Resistant to most chemicals, good thermal protection to temperatures up to 1800 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*



## Amatex Silica Fabrics Data Sheet

<b>Style</b>	HTX-1000-00-SR1
<b>Base Fabric</b>	Silica
<b>Color/Appearance</b>	Red silicone rubber one side, tan reverse
<b>Available Widths, standard</b>	Minimum 35" (0.89m)
<b>Roll Length, yards (approx.)</b>	50 (45.7m)
<b>Weave Style</b>	Satin, 12 harness
<b>Fabric Weight, oz/sq. yd</b>	42
<b>Fabric Thickness, inches</b>	0.054 (+/- .005") (1.37 mm)
<b>Warp Strength, lbs/in.</b>	425.0 (193 Kg/2.54 cm)
<b>Fill Strength, lbs/in.</b>	300.0 (136 Kg/2.54 cm)
<b>Abrasion Resistance</b>	Excellent
<b>Temperature Tolerance</b>	1800°F continuous (990°C) 3000°F melt temp. (1649°C)
<b>Base Fabric Certifications</b>	Higher than 95% Silica (SiO <sub>2</sub> ) content
<b>Chemical Resistance</b>	Excellent
<b>Solvent Resistance</b>	Excellent
<b>Sunlight &amp; Age Resistance</b>	Excellent
<b>Electrical Properties</b>	High dielectric strength, low constants
<b>Finish</b>	Red Silicone rubber one side, tan reverse
<b>Certifications</b>	NFPA701, ANSI/FM 4950 for Pad



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