



## HTX-600-8N-AL7

A woven continuous filament amorphous silica fabric aluminized one side with AL7 film. Applications include pad fabrics, expansion joints, valve covers, special curtain materials. Base fabrics 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 AL7 Aluminized Fabric Data Sheet

<b>Style</b>	HTX-600-8N-AL7
<b>Base Fabric</b>	Silica
<b>Color/Appearance</b>	AL7 Aluminized film one side/tan reverse
<b>Fabric Weight (oz/yd<sup>2</sup>)</b>	21 (712 g/m <sup>2</sup> )
<b>Fabric Thickness (mils)</b>	25
<b>Warp Strength (lbs) (1" unraveled)</b>	350
<b>Fill Strength (lbs) (1" unraveled)</b>	235
<b>Flammability-After Flame (seconds)</b>	0
<b>Flammability-Char Length (inches)</b>	0
<b>Adhesion After Wet Flex</b>	Pass
<b>Reflectivity after Abrasion (seconds) (ASTM F1939)</b>	22.3
<b>RPP Rating (cal/cm<sup>2</sup>)</b>	41
<b>Taber Abrasion (cycles)</b>	1200
<b>Molten Iron Splash (ASTM F955)</b>	Pass
<b>Molten Aluminum (ASTM F955)</b>	Pass

All data +/- 10%. All data intended as general information and no warranties, guarantees, or claims of fitness for use are expressed or implied by AMATEX Corporation. 514



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