AMATEX CORPORATION

ATG-430-58-AL7G

An AMATEX woven thermoglass fabric, crowfoot weave, laminated with AL7 aluminum film on one side. Applications include protective curtains, lagging cloth, vapor and flange spray shields, and heat reflection. Resistant to most chemicals and light molten splash, offers good thermal protection to higher temperatures.

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

Style	ATG-430-58-AL7G
Base Fabric	Fiberglass (9 micron)
Color/Appearance	AL7 Aluminized film one side/ white reverse
Fabric Weight (oz/yd²)	15 (509 g/m²)
Fabric Thickness (mils)	16
Warp Strength (lbs) (Grab)	320
Fill Strength (lbs) (Grab)	350
Flammability-After Flame (seconds)	0.5
Flammability-Char Length (inches)	0
Reflectivity after Abrasion (seconds) (ASTM F1939)	30
RPP Rating (cal/cm²)	60
Molten Aluminum Splash (ASTM F955)	Pass
Molten Iron Splash (ASTM F955)	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. 920

NOTE on Service Temperature: Service Temperature may vary significantly based on the environment of the application. Key considerations include:

- *Temperature exposure - radiant, convective, conductive ... also ambient temperatures*
- *Dynamics of the Environment - vibration, air flow, abrasion, exposure to dirt, liquids, chemicals.*
- *Generic recommendations - Fiberglass is generally considered suitable for applications to 1000°F however depending on the exposure and environment, this may vary between 600 and 1,200°F. The Aluminized PET Facing is generally considered suitable for applications to 325°F however depending on the exposure and environment, this facing is suitable for much higher temperatures. In fact, the ASTM F1939 Reflectivity Test includes exposure to Radiant Heat at 3,000°F.*

*Fit for Service: All applications are unique and conditions may significantly affect the performace of materials used in the application. Ultimately, it is the responsibility of the user to determine any products **fit for use and service** in their application.*

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