



SERVICING THE WORLD WITH HIGH TEMPERATURE TEXTILES

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SILICA ALUMINIZED TEXTILES

Product Description

Silica ALUM84CH and ALUM188CH are high temperature “aluminized” silica textiles. A Mylar film is applied to one side of our standard Silica fabrics to produce the “aluminized” effect. **Silica ALUM84CH and ALUM188CH** have all the high temperature capabilities of standard Silica fabrics and the added qualities of thermal reflectivity, outstanding fabrication characteristics and high abrasion resistance. Silica Aluminized Textiles can be used or configured as **shrouds, reflective insulation, protective screens/covers, and furnace curtains**. Silica Fabrics are used extensively in the Power Generation, Refinery, Construction, Shipbuilding, and Metal Processing industries.

Features

- Resists Penetration of Weld “Slag” and Passes Welding “Burn Through” Test
- Fireproof
- Mylar Film Applied To One Side
- Thermal Reflectivity
- Outstanding Fabrication Characteristics
- High Strength and Abrasion Resistance

Benefits

- Protects Equipment and Personnel in the Toughest Welding Applications
- Protects Against Hot Work Fires
- Resists Permeation of Fluids/Gases
- Barrier Against Radiant Heat
- Ease Of Fabrication Into Blankets, Curtains
- Multiple Product Use – Cost Effective

Technical Data

PROPERTIES	SILICA ALUM84CH	SILICA ALUM188CH
Silicon Dioxide Content	96% or Greater	96% or Greater
Nominal Weight (oz/yd ²)	19	37
Nominal Thickness (inches)	0.030	0.05

Notes:

1. Roll length is 50 yards, and roll widths are 34 or 56 inches. Other roll lengths are available.
2. Mylar film is applied to one side of fabric. Mylar film begins to decompose at 450°F.
3. Silica fabrics are amorphous silica textiles, and contain no asbestos or ceramic fibers.

AVS Industries, LLC cannot predict all of the potential applications for which customers may attempt to use the Silica Products. Silica Products will have varying degrees of effectiveness for each potential application depending on the maximum temperature attained, the length of use, and the amount of temperature fluctuation. If the customer has any questions regarding the use of Silica Products in a particular application, please contact AVS Industries, LLC at (302) 221-1720 and we will provide a sample of the Silica Products for testing. This product is not warranted against injuries or damages of any kind caused by uses for which this product was not designed, intended, or tested by AVS Industries, LLC.