

Technical Data Sheet

Aluminized Silicaflex™ Blanket

Product Name: Aluminized Silicaflex™ Blanket

Technical Description: A silica cloth blanket coated one side with a multi-layer aluminized polyester film, designed to protect hoses, cables, and other equipment from molten splash and intense radiant heat and flame.

Temperature Capabilities: Rated for 1800°F (982°C) continuous. 2300°F (1260°C) intermittent exposure.



Product Overview: Aluminized Silicaflex™ Blanket is constructed from silica fibers that are at least 96% pure. Silicaflex™ textiles are an excellent alternative to asbestos for protecting hoses, cables, and other equipment from extreme heat, molten metals, sparks, and flame in a wide range of iron and steel industries, welding, burning, cutting, and heat treating operations. Silicaflex™ textiles resist most corrosive fluids and generate virtually no smoke or fumes. Aluminized Silicaflex™ Blankets are coated with a proprietary vermiculite/hydrocarbon coating, providing increased abrasion resistance and longevity in severe service applications. Can be fabricated into custom curtains. The aluminized polyester film is added to give the blanket heat reflective capabilities. It also provides significantly more strength and abrasion resistance.

Available In:

36oz/ydsq (1220g/m²) 36" (915mm) wide x 0.056" (1.42mm) thick

Supplied in 150ft (45m) rolls. Can also be supplied in custom shapes, cut lengths, and special fabricated curtains.

Installation: Depends on a wide variety of application parameters.

Cautionary Notes: All Silica textiles exhibit poor resistance to molten alkalis, and have fair to moderate abrasion resistance. In applications where severe abrasion is a factor, a secondary covering is recommended.

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