

Technical Data Sheet

Silicaflex[™] Tape AB

Product Name: Silicaflex[™] Tape AB

Technical Description: A slit Silica tape, designed to protect hoses, cables, and tubing from intense radiant heat and flame. Coated with a pressure-sensitive adhesive on one side to facilitate wrapping.

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



Product Overview: Silicaflex[™] Tape AB is constructed by slitting full rolls of Silica cloth that have been coated with a pressure sensitive adhesive.

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 steelmaking, welding, burning, cutting, and heat treating operations. Silicaflex[™] textiles resist most corrosive fluids and generate virtually no smoke or fumes even under the most severe heat conditions. Slit tapes such as Silicaflex[™] Tape AB are coated to improve low-temperature handling properties and minimize raveling. Both the coating and the pressure-sensitive adhesive will decompose at high temperatures.

Dimensional Data:

Available in 2" (51mm), 3" (76mm), and 4" (102mm) wide tapes, .030" (.76mm) thickness.
Also Available in .060" (1.52mm) thickness.

Installation: May be installed only on clean surfaces. Depending on the desired wall thickness, a spiral overlap may be used to increased thickness and aid integrity of the installation. In most cases a 50% overlap is recommended.

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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