

Technical Data Sheet

Silcaflex™ Sleeve

Product Name: Silcaflex™ Sleeve

Technical Description: A heavy, wall braided Silica sleeve, designed to protect hoses, cables, and tubing from intense radiant heat and flame.

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



Product Overview: Silcaflex™ Sleeve is a soft, braided textile sleeve with silica (SiO²) of at least 96%. The sleeve has an inorganic coating of hydrocarbon to improve abrasion resistance and handling characteristics. Silcaflex™ textiles are an excellent alternative to asbestos for protecting pipes, 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. Silcaflex™ textiles resist most corrosive fluids and generate virtually no smoke or fumes even under the most severe heat conditions.

Dimensional Data: Available in .065" (1.65mm) wall thickness. Diameter range is from 3/8" (10mm) to 6" (152mm). Supplied on (15m) spools.

Installation: May be installed over any hose, cable, or pipe.

Cautionary Notes: All silica textiles exhibit poor resistance to molten alkalis, and have fair to moderate abrasion resistance. In dynamic flexing applications or other areas where abrasion is a concern, we recommend a secondary covering and adequate testing to ensure product suitability.

Disclaimer: Due to the range of possible applications, no warranty is expressed or implied. ADL Insulflex, Inc.'s liability is limited solely to the replacement of defective material. ADL Insulflex, Inc. will not be held liable for any consequential damages arising from the use or misuse of the material. While the information given herein is believed to be reliable, ADL Insulflex, Inc. makes no warranties as to the accuracy or completeness. Samples of all Insulflex® products are available at no cost or obligation, and suitable trials should be made prior to installation.

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