



LEADERS IN HIGH PERFORMANCE TEXTILES FOR THERMAL PROTECTION

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SILICONE COATED FIBERGLASS SLEEVING

Product Description

AVS Silicone Coated Fiberglass Sleeving is engineered from a dense fiberglass sleeve and a thick coating of self-extinguishing high temperature silicone rubber. The silicone rubber will withstand 1,200°F (649°C) in a static position such as insulating stainless steel tubing from contact by an operator/user. This construction will also protect against molten metal splash up to 2,000°F (1,093°C). Almost every aviation engine - turbine, turboprop, or piston (civilian and military) - uses this type of sleeving to protect critical hoses and wiring in the event of an engine compartment fire. This sleeving meets the specification of AS1072, allowing qualified hose assemblies to pass the fire resistance testing specification of AS1055D.

AVS Silicone Coated Fiberglass Sleeving is highly resistant to hydraulic fluids, lubricating oils, and fuels. The dense braided fiberglass interior insulates against energy loss in piping and hosing.

Sizing Data	Product Size	Diameter
	S-GS-1/2	1/2"
	S-GS-1"	1"
	S-GS-2"	2"
	S-GS-3"	3"

Technical Properties

Nominal Wall Thickness (inches)
Nominal Roll Length (ft)

Fiberglass S-H Sleeving

0.115
50

Notes:

1. Roll length tolerance is +/- 10%. Rolls may consist of two pieces.
2. Other roll lengths are available upon request.
3. Primary color is Iron Oxide Red. Other colors are available upon request.

AVS Industries cannot predict all of the potential applications for which customers may attempt to use the Silicone Coated Fiberglass Sleeving. Silicone Coated Fiberglass Sleeving 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 Silicone Coated Fiberglass Sleeving in a particular application, please contact AVS Industries at (302) 221-1720 and we will provide a sample of the Silicone Coated Fiberglass Sleeving 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.