



SERVICING THE WORLD WITH HIGH TEMPERATURE TEXTILES

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AVS SEWING THREAD SIS-18/PL

Product Description

AVS Sewing Thread SIS-18/PL is a high temperature resistant thread made by twisting together S-2 Fiberglass and a strand of Inconel Steel Wire.

Application

The thread is intended for high temperature sewing applications with service temperatures up to 1800°F (1000°C) requiring good seam strengths. The thread is ideal for sewing our FLXGLAS HT inorganic chemical treated Fiberglass Fabrics, our standard AVSil Silica Fabrics, and our ULTRAFLX HT inorganic chemical treated Silica Fabrics. Fabricated products include blankets, insulation pads, and curtains.

Technical Data

PROPERTIES	VALUE
Construction	S-2 Fiberglass/Inconel Wire Strand
Coating	PTFE, 15% Nominal
Lubrication	Silicone Oil
Diameter (inches)	0.019 nominal
Tensile	25 lbs.
Final Twist	"Z"
Yield	1975 yds./lb.

AVS Industries, LLC cannot predict all of the potential applications for which customers may attempt to use the Sewing Thread SIS-18/PL. Sewing Thread SIS-18/PL 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 Sewing Thread SIS-18/PL in a particular application, please contact AVS Industries, LLC at (302) 221-1720 and we will provide a sample of the Sewing Thread SIS-18/PL 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.