



LEADERS IN HIGH PERFORMANCE TEXTILES FOR THERMAL PROTECTION

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AVS SEWING THREAD SSS-18/PL

Product Description

AVS Sewing Thread SSS-18/PL is a high temperature resistant thread made by twisting together S-2 Fiberglass and a strand of Stainless Steel Wire. **AVS Sewing Thread SSS-18/PL** is engineered for use in the manufacture of high temperature textile parts.

Applications

AVS Sewing Thread SSS-18/PL is intended for high temperature sewing applications with service temperatures up to 1800°F (1000°C) requiring good seam strengths. This thread is ideal for sewing our E-glass fiberglass fabrics, our FLXGLAS® HT specialty fiberglass fabrics, and our standard AVSil® Silica Fabrics. Fabricated textile products include removable covers, blankets, insulation pads, and curtains.

Technical Data Properties

	Value
Construction	S-2 Fiberglass/Stainless Steel Wire Strand
Nominal Coating Level	PTFE, 15%
Lubrication	Silicone Oil
Diameter: inches (mm)	0.019 (0.48)
Tensile	25 lbs.
Final Twist	“Z”
Yield	1975 yds./lb.

Notes:

1. The PTFE and Silicone oil will burn off at temperatures over 500°F (260°C)
2. The S-2 fiberglass will melt at temperatures over 1500°F (815°C)
3. The Stainless-Steel wire maintains good strength at temperatures up to 1800°F (982°C)

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