



SERVICING THE WORLD WITH HIGH TEMPERATURE TEXTILES

TDS – 36  
January 2011

## AVS SEWING THREAD S-18PL

### Product Description

**AVS Sewing Thread S-18PL** is an “S-2” composition fiberglass lubricated sewing thread with moderately high temperature resistance.

### Application

The thread is intended for medium temperature sewing applications with service temperatures up to 1400°F (760°C) requiring good seam strengths. The thread is ideal for sewing our standard fiberglass fabrics, 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
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 S-18PL. Sewing Thread S-18PL 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 S-18PL in a particular application, please contact AVS Industries, LLC at (302) 221-1720 and we will provide a sample of the Sewing Thread S-18PL 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.