ALPHA *STYLE*
AlphaQuartz® Sewing Thread AQ-18-9751 HS

DESCRIPTION

AlphaQuartz® Sewing Thread AQ-18-9751 HS offers excellent high temperature characteristics. Made from exceptionally high purity (99.98% SiO2) quartz fibers produced from natural pure quartz crystals. This natural mineral, when drawn under extreme heat, produces a very fine fiber (9 microns in diameter) with high flexibility, combined with high strength, high purity, low coefficient of expansion and excellent resistance to extremely high temperatures. Coated with 18% Teflon (coating #9751) for improved abrasion resistance.

APPLICATIONS

AlphaQuartz® Sewing Thread AQ-18-9751 HS is widely used for sewing or wrapping insulation blankets, shrouds, blast curtains and separators. Used in both single and multi-needle sewing machines.

PROPERTY DATA
AlphaQuartz® Sewing Thread AQ-18-9751 HS

CHARACTERISTIC	TYPICAL VALUES	
	ENGLISH	*METRIC*
APPROXIMATE DIAMETER	0.017"	0.43 mm
TENSILE STRENGTH	25.2 lbf	11.2 daN
NOMINAL LINEAR DENSITY	250 TEX	
BREAKING STRENGTH	32.0 lbf	14.0 daN
YIELD PER POUND or KM	1950 LY	4 KM
TYPICAL BINDER CONENT	20%	

STORAGE
AlphaQuartz® Sewing Thread AQ-18-9751 HS properties are guaranteed for 36 months when properly stored indoors, protected from direct sunlight exposure and in its original packaging. Store preferably at less than 35°C, avoiding humidity consistently higher than 80%.

DATA SHEET: 15066 REV: A DATE: 10/15/24

I specialize in marine, aerospace, automotive and commercial fabrics for thermal and industrial applications