

4618

7.0 MIL SILICONE GLASS CLOTH TAPE

INTERTAPE POLYMER GROUP TECHNICAL DATA SHEET

DESCRIPTION

Inert, high strength backing and heat resistant silicone adhesive for high temperature applications. This tape resists edge fraying and rotting and is flexible and varnish absorbent. Used in applications where solvent resistance, flame retardance and abrasion resistance is required.

PRODUCT APPLICATIONS

High temperature coil insulation wrap, harness wrapping, splicing. Ideal for motor repair shops for bundling and banding heavy gauge magnet wire. Slot cell edge taping.

NOMINAL VALUES

The following data are nominal values based on PSTC, ASTM and other standard test. The data should not be considered as specifications.

Backing	Glass Cloth
Backing Thickness	5.0 mil (0.127 mm)
Adhesive	Thermosetting Silicone
Color	White
Total Thickness	7.0 mil (0.178 mm)
Dielectric Strength ²	2500 Volts
Temp. Class ²	200° C / F
Insulation Resistance ²	10 ³ megohms
Tensile Strength	185 lbs/in (324 N/cm)
Adhesion to Steel	45 oz/in (4.9 N/cm)
Elongation	3%
Electrolytic Corrosion	1.0 Direct/ A, 1*
Flammability	BU 1* Passed UL510
Storage Stability	Excellent
Solvent Resistance	Excellent
Mil Spec Approved	Mil I-19166C
UL File #	E20780
CSA File #	LR94980

*VDE 0340



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EFFECTIVE: 04/12