

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.

GOVERNMENT COMPLIANCE

MIL-I-19166C

NOMINAL VALUES

The following data are nominal values based on PSTC, ASTM and other standard tests. 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	2500 Volts
Temp/Class	200°C / N
Insulation Resistance	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
UL File #	E20780
CSA File #	LR94980

*VDE 0340



100 Paramount Drive, Suite 300 | Sarasota, FL 34232 | USA
Customer Service: 800.IPG.8273 | 800.474.8273
Tape Technical Service: 877.447.4832
www.itape.com | info@itape.com

While we believe them to be reliable, the statements and information herein are only for general guidance and are not warrants or guarantees for accuracy and completeness. The user must, by test or otherwise, determine suitability for this purpose. There is no warranty of fitness for a particular purpose. Our standard term and conditions of sale apply exclusively to all orders, and all liability for damages of any kind, including consequential, exceeding purchase price is excluded. No one is authorized by us to make oral warranties. We reserve the right to make changes without notice or obligation in our products and publications.

EFFECTIVE: 11/13

