

# 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.

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

