

# 51589

## POLYESTER FILM ELECTRICAL TAPE

## INTERTAPE POLYMER GROUP® TECHNICAL DATA SHEET

### DESCRIPTION

Polyester film backing with an acrylic adhesive provides flexibility, solvent resistance, puncture resistance and excellent long-term aging characteristics.

### PRODUCT APPLICATIONS

Coil wrapping, anchoring, harnessing, holding, slot edging in transformers and motors.

### GOVERNMENT COMPLIANCE

LT-100B, Type 1 Approved

### 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>	Polyester
<b>Backing Thickness</b>	1.0 mil (0.025 mm)
<b>Adhesive</b>	Acrylic
<b>Color</b>	Clear, Yellow
<b>Total Thickness</b>	2.2 mil (0.056 mm)
<b>Dielectric Strength</b>	5000 Volts
<b>Temp/Class</b>	130°C / B
<b>Insulation Resistance</b>	10 <sup>6</sup> megohms
<b>Tensile Strength</b>	25 lbs/in (44 N/cm)
<b>Adhesion to Steel</b>	35 oz/in (3.8 N/cm)
<b>Elongation</b>	100%
<b>Electrolytic Corrosion</b>	1.0 Direct/ A, 1*
<b>Flammability</b>	BU 1*
<b>Storage Stability</b>	Excellent
<b>Solvent Resistance</b>	Excellent
<b>Moisture 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

