

# 54113

## POLYESTER FILM ELECTRICAL TAPE

## INTERTAPE POLYMER GROUP® TECHNICAL DATA SHEET

### DESCRIPTION

1.0 mil polyester backing with a thermosetting acrylic adhesive. Tape exhibits high temperature shear resistance when thermoset. Backing provides abrasion and puncture resistance and excellent insulating properties.

### PRODUCT APPLICATIONS

Coil wrapping, tabbing and anchoring, inter-layer insulating. Ideal for film wrap capacitors. High dielectric properties and total material thickness makes this tape unique where maximum insulation build-up is required.

### 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 Thermosetting
<b>Color</b>	Clear, Yellow
<b>Total Thickness</b>	2.4 mil (0.061 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>	45 oz/in (4.9 N/cm)
<b>Elongation</b>	100%
<b>Electrolytic Corrosion</b>	1.0 Direct/ A, 1*
<b>Flammability</b>	BU 2*
<b>Storage Stability</b>	Very Good
<b>Solvent Resistance</b>	Excellent
<b>Moisture Resistance</b>	Excellent
<b>UL File #</b>	E20780

\*VDE 0340



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EFFECTIVE: 11/13

