

# 51578

## THIN GAUGE POLYESTER FILM / ROPE FIBER ELECTRICAL TAPE

## INTERTAPE POLYMER GROUP® TECHNICAL DATA SHEET

### DESCRIPTION

Thin (0.5 mil) flexible polyester film backing combined with rope fiber and a highly aggressive rubber adhesive provides an economical approach in a variety of uses. Also a rubber thermosetting adhesive system gives the 51578 excellent solvent resistance when cured.

### PRODUCT APPLICATIONS

Slot edging, lead anchoring, coil wrapping, harness, inter-phase / interlayer insulation.

### 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 Film / Rope Fiber
<b>Backing Thickness</b>	3.5 mil (0.089 mm)
<b>Adhesive</b>	Rubber Thermosetting
<b>Color</b>	Natural
<b>Total Thickness</b>	5.5 mil (0.140 mm)
<b>Dielectric Strength</b>	4500 Volts
<b>Temp/Class</b>	130°C / B
<b>Insulation Resistance</b>	10 <sup>4</sup> megohms
<b>Tensile Strength</b>	40 lbs/in (70 N/cm)
<b>Adhesion to Steel</b>	70 oz/in (7.7 N/cm)
<b>Elongation</b>	2%
<b>Electrolytic Corrosion</b>	1.0 Direct/ A, 1*
<b>Flammability</b>	BU 3*
<b>Storage Stability</b>	Very Good
<b>Solvent Resistance</b>	Very Good
<b>Moisture Resistance</b>	Excellent
<b>UL File #</b>	E20780
<b>CSA File #</b>	LR94980

\*VDE 0340



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EFFECTIVE: 11/13

