

# 51596

POLYESTER FILM /  
POLYESTER NON-WOVEN  
ELECTRICAL TAPE

## INTERTAPE POLYMER GROUP® TECHNICAL DATA SHEET

### DESCRIPTION

The combination of polyester film and polyester non-woven materials can be used on a wide variety of electrical applications. Multi-purpose tape for applications which require a combination tear and puncture resistance, high tensile strength with elongation and excellent dielectric strength.

### PRODUCT APPLICATIONS

Ideal for high volume coil wrapping applications, ground and barrier insulation, outer protective wrap for bobbin applications, coil end insulation anchoring leads and terminal board pads.

### 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 / Non-woven
<b>Backing Thickness</b>	3.5 mil (0.089 mm)
<b>Adhesive</b>	Rubber Thermosetting
<b>Color</b>	Black, Tan
<b>Total Thickness</b>	4.5 mil (0.114 mm)
<b>Dielectric Strength</b>	4500 Volts
<b>Temp/Class</b>	130°C / B
<b>Insulation Resistance</b>	10 <sup>5</sup> megohms
<b>Tensile Strength</b>	31.5 lbs/in (55 N/cm)
<b>Adhesion to Steel</b>	60 oz/in (6.6 N/cm)
<b>Elongation</b>	30%
<b>Electrolytic Corrosion</b>	1.0 Direct/ A, 1*
<b>Flammability</b>	BU 2*
<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

