



**IPG # 51580**  
**Polyester Film / Polyester Mat Electrical Tape**

**Product Description:** This tape can be used for most applications, which require a combination of flexibility, high puncture resistance, and excellent electrical insulating properties and corrosion resistance. After thermosetting, the tape exhibits excellent resistance to solvents and chemicals.

**Applications:** *Coil and transformer wrapping, anchoring, harnessing, outer-wrap for coils.*

**Technical Data:**

<b>Backing :</b>	<b>Polyester Film</b> Polyester Mat	<b>Color:</b>	<b>Natural</b>
<b>Backing Thickness:</b>	<b>4.0 mil (0.102 mm)</b>	<b>Adhesive:</b>	<b>Rubber Thermosetting</b>
<b>Total Thickness:</b>	<b>5.0 mil (0.125 mm)</b>	<b>Dielectric Strength:</b>	<b>5,500 Volts</b>
<b>Temp./ Class:</b>	<b>130°C / B</b>	<b>Insulation Resistance:</b>	<b>10<sup>5</sup> megohms</b>
<b>Tensile Strength:</b>	<b>45 lbs/in (197 N/25mm)</b>	<b>Adhesion to Steel:</b>	<b>55 oz/in (15 N/25mm)</b>
<b>Elongation:</b>	<b>25%</b>	<b>Storage Stability:</b>	<b>Excellent</b>
<b>Electrolytic Corrosion</b>	<b>1.0 Direct/A , 1*</b>	<b>Solvent Resistance:</b>	<b>Excellent</b>
<b>Flammability</b>	<b>BU 2*</b>	<b>Moisture Resistance:</b>	<b>Excellent</b>
<b>UL File #</b>	<b>E20780</b>	<b>CSA File #</b>	<b>LR94980</b>

\*VDE 0340

Figures shown are averages and should not be used for writing specifications. Similar test conducted on any individual sample may vary in results. Tests are conducted in accordance with ASTM D1000 where applicable.

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**PRODUCT DATA SHEET**