



**IPG # 51588**  
**Polyester Film Electrical Tape**

**Product Description:** This combination of a tough, conformable polyester backing and rubber thermosetting adhesive may be used for a variety of electrical applications. This tape is abrasion and puncture resistant, resists chemicals and solvents when thermoset, and has excellent electrical insulating properties.

**Applications:** Coil wrapping, anchoring, harnessing, holding, insulating tabbing and inter-layer insulating.

**Technical Data:**

<b>Backing :</b>	<b>Polyester</b>	<b>Color:</b>	<b>Clear</b>
<b>Backing Thickness:</b>	<b>1.0 mil</b>	<b>Adhesive:</b>	<b>Rubber Thermosetting</b>
<b>Total Thickness:</b>	<b>2.2 mil (0.056 mm)</b>	<b>Dielectric Strength:</b>	<b>5000 Volts</b>
<b>Temp. Class:</b>	<b>130°C / B</b>	<b>Insulation Resistance:</b>	<b>10<sup>6</sup> megohms</b>
<b>Tensile Strength:</b>	<b>25 lbs/in (110 N/25mm)</b>	<b>Adhesion to Steel:</b>	<b>50 oz/in (13.7 N/25mm)</b>
<b>Elongation:</b>	<b>100%</b>	<b>Storage Stability:</b>	<b>Very Good</b>
<b>Electrolytic Corrosion</b>	<b>1.0 Direct/A , 1*</b>	<b>Solvent Resistance:</b>	<b>Very Good</b>
<b>Flammability</b>	<b>BU 1*</b>	<b>Moisture Resistance:</b>	<b>Excellent</b>
<b>Mil Spec Approved</b>	<b>MIL-1-15126F Type MF-2.5</b>	<b>CSA File #</b>	<b>LR94980</b>
<b>UL File #</b>	<b>E20780</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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