



**IPG # 51579**  
**Polyimide Film Electrical Tape**

**Product Description:** Polyimide backing and high tack acrylic adhesive offers excellent chemical and thermal resistance with excellent electrical insulating properties. This tape is used where toughness and puncture resistance are required.

**Applications:** Bundling and interlayer insulation in high temperature transformers and large DC mining and traction motors.

**Technical Data:**

<b>Backing :</b>	<b>Polyimide Film</b>	<b>Color:</b>	<b>Amber</b>
<b>Backing Thickness:</b>	<b>1.0 mil (0.025 mm)</b>	<b>Adhesive:</b>	<b>Thermosetting Acrylic</b>
<b>Total Thickness:</b>	<b>2.2 mil (0.056 mm)</b>	<b>Dielectric Strength:</b>	<b>7000 Volts</b>
<b>Temp./ Class:</b>	<b>155° C / F</b>	<b>Insulation Resistance:</b>	<b>10<sup>6</sup> megohms</b>
<b>Tensile Strength:</b>	<b>30 lbs/in (130 N/25mm)</b>	<b>Adhesion to Steel:</b>	<b>30 oz/in (8.2 N/25mm)</b>
<b>Elongation:</b>	<b>60%</b>	<b>Storage Stability:</b>	<b>Excellent</b>
<b>Electrolytic Corrosion</b>	<b>Direct 1.0/A , 1*</b>	<b>Solvent Resistance:</b>	<b>Excellent</b>
<b>Flammability</b>	<b>BU 1*</b>	<b>Moisture Resistance:</b>	<b>Excellent</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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