



**IPG # 51562**  
**Flame Retardant Polyester Film Electrical Tape**

**Product Description:** IPG #51562 utilizes a 2 mil Polyester backing with a flame retardant thermosetting acrylic adhesive. The tape passes the UL510 flammability test and has high temperature shear resistance when thermoset. The backing provides abrasion and puncture resistance with excellent electrical insulating properties.

**Applications:** Coil wrapping, anchoring, inter-layer insulation, harness-wrap, holding, slot edging in transformers and motors.

**Technical Data:**

<b>Backing :</b>	<b>Polyester</b>	<b>Color:</b>	<b>Yellow/White</b>
<b>Backing Thickness:</b>	<b>2.0 mil</b>	<b>Adhesive:</b>	<b>Thermosetting Acrylic</b>
<b>Total Thickness:</b>	<b>3.5 mil (0.088 mm)</b>	<b>Dielectric Strength:</b>	<b>7500 Volts</b>
<b>Temp. Class:</b>	<b>130°C / B</b>	<b>Insulation Resistance:</b>	<b>10<sup>8</sup> megohms</b>
<b>Tensile Strength:</b>	<b>50 lbs/in (220 N/25mm)</b>	<b>Adhesion to Steel:</b>	<b>45 oz/in (12.3 N/25mm)</b>
<b>Elongation:</b>	<b>100%</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 1* Passed UL510</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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