



**IPG # 51597**

**Polyester Film / Glass Filament Reinforced Electrical Tape**

**Product Description:** High tensile strength, conformable backing and aggressive adhesive for a large variety of insulating and holding applications. This tape is resistant to chemicals, solvents, and aging and offers a high dielectric strength and insulation resistance.

**Applications:** Slot edging, holding and separating ground insulation, bundling motor and transformer coils.

**Technical Data:**

<b>Backing :</b> Polyester Film / Glass Filament	<b>Color:</b> Clear
<b>Backing Thickness:</b> 5.5 mil	<b>Adhesive:</b> Acrylic
<b>Total Thickness:</b> 6.5 mil (0.165 mm)	<b>Dielectric Strength:</b> 5000 Volts
<b>Temp./ Class:</b> 155°C / F	<b>Dielectric Constant:</b> 1.82
<b>Tensile Strength:</b> 250 lbs/in (1095 N/25mm)	<b>Insulation Resistance:</b> 10 <sup>4</sup> meg ohms
<b>Elongation:</b> 5%	<b>Adhesion to Steel:</b> 40 oz/in (11 N/25mm)
<b>Electrolytic Corrosion</b> 1.0 Direct/A , 1*	<b>Storage Stability:</b> Excellent
<b>Flammability</b> BU 2*	<b>Solvent Resistance:</b> Excellent
	<b>Moisture Resistance:</b> Excellent
<b>UL File #</b> E20780	<b>CSA File #</b> LR94980

\*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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