



**IPG # 51599**

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

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

**Applications:** Lead holding of heavy gauge wires in transformers, coils and electric motors. Bundling armature coils.

**Technical Data:**

<b>Backing :</b> Polyester Film / Glass Filaments	<b>Color:</b> Natural
<b>Backing Thickness:</b> 5.0 mil (0.127 mm)	<b>Adhesive:</b> Rubber Thermosetting
<b>Total Thickness:</b> 7.0 mil (0.178 mm)	<b>Dielectric Strength:</b> 5000 Volts
<b>Temp./ Class:</b> 130°C / B	<b>Dielectric Constant:</b> 1.96
<b>Tensile Strength:</b> 350 lbs/in (1.5 kN/25mm)	<b>Insulation Resistance:</b> 10 <sup>5</sup> megohms
<b>Elongation:</b> 5 %	<b>Adhesion to Steel:</b> 55 oz/in (15 N/25mm)
<b>Electrolytic Corrosion</b> 1.0 Direct/A , 1*	<b>Storage Stability:</b> Good
<b>Flammability</b> BU 2*	<b>Solvent Resistance:</b> Good
	<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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