



IPG # 54143
Polyester Film Electrical Tape

Product Description: IPG 54143 utilizes a 1.4 mil polyester backing with a thermosetting acrylic adhesive. The tape exhibits high temperature shear resistance when thermoset. The backing provides abrasion and puncture resistance and excellent insulating properties.

Applications: Coil wrapping, tabbing and anchoring, Inter-layer insulating. Ideal for film wrap capacitors. High dielectric properties and total material thickness makes this tape unique where maximum insulation build up is required.

Technical Data:

Backing :	Polyester	Color:	Clear & Yellow
Backing Thickness:	1.4 mil	Adhesive:	Thermosetting Acrylic
Total Thickness:	3.0 mil (0.076 mm)	Dielectric Strength:	7500 Volts
Temp. Class:	130°C / B	Insulation Resistance:	10⁶ megohms
Tensile Strength:	38 lbs/in (166 N/25mm)	Adhesion to Steel:	50 oz/in (13.7 N/25mm)
Elongation:	100%	Storage Stability:	Very Good
Electrolytic Corrosion	1.0 Direct/A , 1*	Solvent Resistance:	Excellent
Flammability	BU 1*	Moisture Resistance:	Excellent
UL File #	E20780		

*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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