

54143

POLYESTER FILM ELECTRICAL TAPE

INTERTAPE POLYMER GROUP® TECHNICAL DATA SHEET

DESCRIPTION

1.4 mil polyester backing with a thermosetting acrylic adhesive. Tape exhibits high temperature shear resistance when thermoset. Backing provides abrasion and puncture resistance and excellent insulating properties.

PRODUCT 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.

NOMINAL VALUES

The following data are nominal values based on PSTC, ASTM and other standard tests. The data should not be considered as specifications.

Backing	Polyester
Backing Thickness	1.4 mil (0.036 mm)
Adhesive	Acrylic Thermosetting
Color	Clear, Yellow
Total Thickness	3.0 mil (0.076 mm)
Dielectric Strength	6000 Volts
Temp/Class	130°C / B
Insulation Resistance	10 ⁶ megohms
Tensile Strength	38 lbs/in (67 N/cm)
Adhesion to Steel	50 oz/in (5.5 N/cm)
Elongation	100%
Electrolytic Corrosion	1.0 Direct/ A, 1*
Flammability	BU 1*
Storage Stability	Very Good
Solvent Resistance	Excellent
Moisture Resistance	Excellent
UL File #	E20780

*VDE 0340



100 Paramount Drive, Suite 300 | Sarasota, FL 34232 | USA

Customer Service: 800.IPG.8273 | 800.474.8273

Tape Technical Service: 877.447.4832

www.itape.com | info@itape.com



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EFFECTIVE: 11/13