

51579

ACRYLIC 1MIL
POLYIMIDE FILM
ELECTRICAL TAPE

INTERTAPE POLYMER GROUP® TECHNICAL DATA SHEET

DESCRIPTION

Polyimide backing and high tack acrylic adhesive offers excellent chemical and thermal resistance with excellent electrical insulating properties. This tape is used where toughness and puncture resistance are required.

PRODUCT APPLICATIONS

Bundling and interlayer insulation in high temperature transformers and large DC mining and traction motors.

GOVERNMENT COMPLIANCE

The film used to manufacture this product meets MIL-P-46112B and ASTM D5213, Type I, Item A.

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	Polyimide Film
Backing Thickness	1.0 mil (0.025 mm)
Adhesive	Acrylic Thermosetting
Color	Amber
Total Thickness	2.2 mil (0.056 mm)
Dielectric Strength ²	7000 Volts
Temp. Class ²	155° C / F
Insulation Resistance ²	10 ⁶ megohms
Tensile Strength	30 lbs/in (53 N/cm)
Adhesion to Steel	30 oz/in (3.3 N/cm)
Elongation	60%
Electrolytic Corrosion	1.0 Direct/ A, 1*
Flammability	BU 1*
Storage Stability	Excellent
Solvent Resistance	Excellent
Moisture Resistance	Excellent
UL File #	E20780

*VDE 0340



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EFFECTIVE: 04/13

