



Therm-X® IT-7177

PRODUCT DESIGN

Therm-X IT-7177 is a 1 mil polyimide film tape with an acrylic thermosetting pressure sensitive adhesive system. Polyimide film is either Kaneka Apical® or DuPont Kapton® only.

APPLICATION

Therm-X IT-7177 is designed for use as an insulation barrier and outer wrap on capacitors, coils, and transformers.

PERFORMANCE FEATURES

- Polyimide film backing offers conformability, abrasion protection, and excellent puncture resistance
- Acrylic adhesive system delivers solvent resistance and high temperature performance
- UL Listed under file number E82910

PHYSICAL PROPERTIES	VALUE	TEST METHOD
Color	Amber	
Backing Thickness	1.0 mils (0.03 mm)	PSTC-133
Total Thickness	2.5 mils (0.06 mm)	PSTC-133
Adhesion to Steel	35 oz/in (9.6 N/25 mm)	PSTC-101
Tensile Strength	30 lb/in (131 N/25 mm)	PSTC-131
Elongation	50%	PSTC-131
Dielectric Strength	7,500 Volts	ASTM D-149-91
Insulation Class	155°C	
Backing	Polyimide Film	
Adhesive System	Solvent Acrylic	

CLASSIFICATIONS

UL Listed File Number E82910

All product properties are measured in accordance with Pressure Sensitive Tape Council and/or ASTM test methods. The physical properties listed above are typical values and are not to be construed as specifications. Our suggestions and recommendations for use are based on tests we believe to be reliable. However, the purchaser must determine the suitability of the product for his intended use. Ideal Tape Co., assumes no liability for claims beyond the replacement value of our product proved to be defective. Note: Tape should be stored in its original packaging in a cool, dry area (60°F to 80°F and 50% relative humidity) away from direct sunlight. Tape should be used within 12 months from the date of shipment. Application surfaces should be clean, dry and free of grease, oil or other contaminants. MK-081921

THERM-X®

Ideal Tape Co., Inc.

1400 Middlesex Street, Lowell, MA 01851

Toll Free: 800-229-9148 • WWW.IDEALTAPE.COM