



Therm-X® IT-7170P

PRODUCT DESIGN

Therm-X IT-7170P is a 1 mil polyimide film tape with a silicone thermosetting pressure sensitive adhesive system.

APPLICATION

Therm-X IT-7170P is designed for use as a high performance insulation layer on coils and fractional horsepower motors. IT-7170P is excellent for protective outer wrap and masking applications.

PERFORMANCE FEATURES

- Polyimide film backing offers high conformability, abrasion protection, and puncture resistance at high temperatures
- Specialty performance silicone adhesive system is engineered for high temperature performance and resists solvent contamination

PHYSICAL PROPERTIES	VALUE	TEST METHOD
Color	Amber	
Backing Thickness	1 mil (0.03 mm)	PSTC-33
Total Thickness	2.5 mils (0.06 mm)	PSTC-33
Adhesion to Steel	26 oz/in (7.1 N/25 mm)	PSTC-101
Tensile Strength	32 lb/in (141 N/25 mm)	PSTC-31
Elongation	50%	PSTC-31
Dielectric Strength	5,200 (V/mil)	
Insulation Class	180°C	
Backing	Polyimide Film	
Adhesive System	Silicone	

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. NS-092625

THERM-X®

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