



## Therm-X® IT-700

### PRODUCT DESIGN

Therm-X IT-700 is a 1 mil polyester film tape with a rubber thermosetting adhesive system.

### APPLICATION

Therm-X IT-700 is designed for use in a range of insulation applications on wound coils including: insulation coil connections and crossovers, interlayer insulation, lead hold down, coil wrap protection, and bundling.

### PERFORMANCE FEATURES

- Conformable polyester film backing provides abrasion protection and puncture resistance
- Non-corrosive rubber adhesive system resists degradation from chemicals and other contaminants
- UL Listed under file number E82910

PHYSICAL PROPERTIES	VALUE	TEST METHOD
Color	Yellow	
Backing Thickness	1.0 mils (0.03 mm)	PSTC-133
Total Thickness	2.5 mils (0.06 mm)	PSTC-133
Adhesion to Steel	40 oz/in (10.9 N/25 mm)	PSTC-101
Tensile Strength	23 lb/in (101 N/25 mm)	PSTC-131
Elongation	100%	PSTC-131
Dielectric Strength	5,000 Volts	ASTM D-149-91
Insulation Class	130°C	
Backing	Polyester	
Adhesive System	Rubber Thermosetting	

### 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](http://WWW.IDEALTAPE.COM)