



Therm-X® IT-702

PRODUCT DESIGN

Therm-X IT-702 is a 2 mil polyester film tape with a rubber thermosetting adhesive system.

APPLICATION

Therm-X IT-702 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 | Clear | |
| Backing Thickness | 2.0 mils (0.05 mm) | PSTC-133 |
| Total Thickness | 3.5 mils (0.09 mm) | PSTC-133 |
| Adhesion to Steel | 45 oz/in (12.3 N/25 mm) | PSTC-101 |
| Tensile Strength | 50 lb/in (219 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, Boeing Approved; BAC-5317, BAC-5578, BAC-5034.

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®

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