



1350T-1 Electrical Tape

Flame Retarded, Triple-Layer Polyester Film Tape with Acrylic Pressure Sensitive Adhesive for use as Reinforced Insulation

Data Sheet

Product Description

3M™ 1350T-1 Tape is a flame retarded, triple-layer polyester film tape which has UL component recognition for use as REINFORCED INSULATION as specified in UL 1950 para 2.9.4.2 It also offers excellent solvent resistance, good quick stick, even unwind, and is suitable for use on automatic taping equipment.

- UL 1950 Recognized for Reinforced Insulation Requirements
- UL Recognized Flame Retardant
- UL Recognized Class 130°C
- UL Recognized CTI Group II
- Decabromo Diphenyl Oxide (DBDPO) Free
- Solvent resistant without thermosetting
- 3M Logo Imprinted for Identification

Color

Standard - Yellow

Applications

3M 1350T-1 Flame Retarded, Triple-layer Polyester Film Tape with Acrylic Pressure-Sensitive Adhesive is designed for use as inner-layer insulation on transformer magnet wire windings where REINFORCED INSULATION is required.

UL Component Recognition

UL recognized for use at temperature not exceeding 130°C, for Reinforced Insulation per UL 1950, flame retardant per UL 510, and UL CTI Group II rated. The UL File Number is E17385, Product Category OANZ2. The file contains data which will facilitate acceptance in specific end use applications as REINFORCED INSULATION. Underwriters Laboratories (UL) Recognized products are evaluated for use as components of end-product equipment that is Listed or Classified by UL. To achieve Underwriters Laboratories Recognition, component construction must meet UL specifications and conditions of acceptability for proper and safe use of the component products.

1350T-1 Flame Retarded, Triple-Layer Polyester Film Tape with Acrylic Pressure Sensitive Adhesive

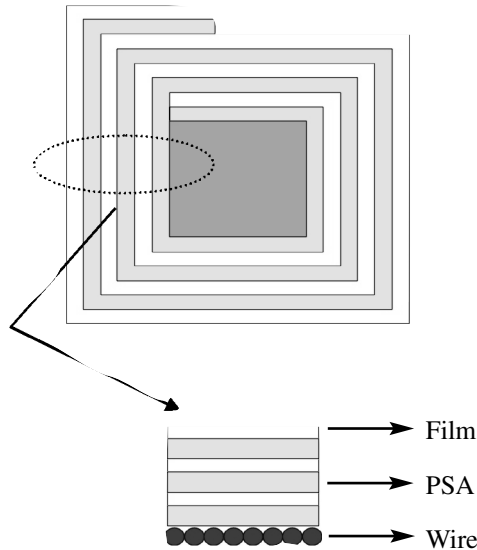
Properties

Typical Values

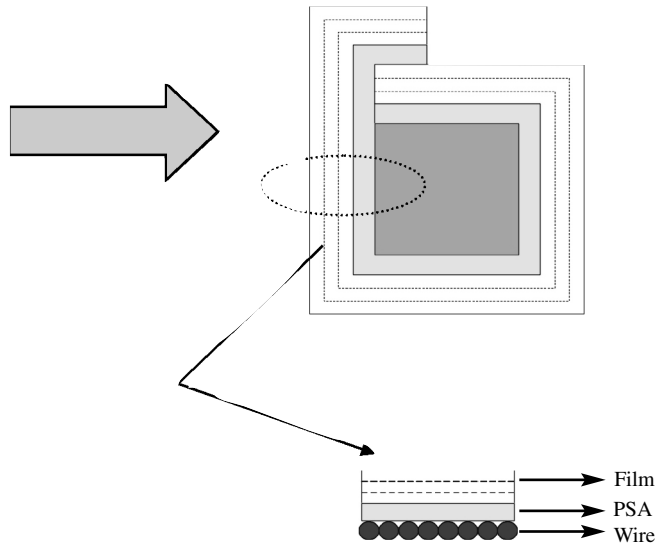
Adhesive	Acrylic Pressure Sensitive
Backing	Triple-Layer PET Film
Total Thickness	3.0 mils / 0.08 mm
Color	Yellow
Temperature Class	130°C (266°F)
Adhesion to Steel	25 oz/in (0.71Kg/in)
Insulation Resistance	>1 x 10 ⁶ megohms
Breaking Strength	44 lbs./in (20 Kg/in)
Elongation1 (% at break)	50 %
Dielectric Breakdown	6.5 KV
Electrical Strength per UL 1950-Para 5.1 – Any 2 layer combination	3.5 KV
UL 510 Flame Retardant	Pass
CTI Group	II
Electrolytic Corrosion Factor ³	1.0

Application Example

One Layer (3 Wraps)



Triple Layer (1 Wrap)



Note: Typical Properties are not recommended for specification purposes. Product Specifications will be provided upon request.

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IMPORTANT NOTICE

Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use.

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