1350F

Flame Retardant Tape with Polyester Film and Acrylic Pressure Sensitive Adhesive

Product Description

3M™ 1350F Tape is an electrical insulating polyester film tape which meets the flame retardancy requirements of UL 510. It consists of materials that are represented in many UL Recognized Insulation Systems and has a UL 130°C temperature rating. It also offers excellent flagging and solvent resistance; good wet grab; smooth, even unwind and is suitable for use on automated equipment.

- **UL Recognized Flame Retardant**
- **UL Recognized Class 130°C**
- **Non-Diphenyl Oxide Based Flame Retardant**
- **Printable**
- **Solvent Resistant Without Thermosetting**
- **Excellent Shelf Life**
- **Excellent Flagging Resistance**

Colors

3M 1350F Tape is available in Yellow, White, Black, Red, Green and Blue.

Applications

3M 1350F Tape is especially suited for applications such as wrapping coils, capacitors, wire harnesses, transformers, shaded pole motors and fractional horsepower motors.

UL Component Recognition

UL recognized for use at temperatures not exceeding 130°C and flame retardant per UL Standard 510, UL File Number E17385, Product Catagory OANZ2. 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 acceptibility for proper and safe use of the component products.

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Typical Properties*	1 mil Film	2 mil Film
Adhesive	Acrylic	Acrylic
Backing	Polyester Film	Polyester Film
Backing Thickness[1]	One mil (25 micron)	Two mils (50 micron)
Total Thickness	2.5 mils / 0,063 mm	3.3 mils / 0,083 mm
Colors - Designation	Y,W,BLK,R,G,Blu	Y,W,BLK,R,G,Blu
Temperature Class	130°C (266°F)	130°C (266°F)
Dielectric Breakdown[1]	5500 Volts	7,000 Volts
Insulation Resistance[1] (megohms)	>1 x 10^6	>1 x 10^6
Breaking Strength[1]	25 lbs/in (44N/10mm)	50 lbs/in (88N/10mm)
Elongation[1] (% at break)	75	110
Electrolytic Corrosion Factor[3]	1.0	1.0
Adhesion to Steel[1]	30 oz/in (3,3N/10mm)	30 oz/in (3,3N/10mm)
UL 510 Flame Retardant[2]	Yes	Yes
Printable	Yes	Yes

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

Footnote:
[1]Test method ASTM D 1000
[2]UL-recognized for flame retardancy per UL510, Product Category 0ANZ2, File E17385.
[3]3M Test Method-Available on request.

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