



Electrical Tape 1554K

Flame-Retardant Acetate Cloth Tape with Acrylic PSA

Data Sheet

Product Description

3M™ Electrical Tape 1554K is a white and black acetate cloth coated with an electrical flame-retardancy acrylic pressure-sensitive adhesive.

- Temperature Resistance 105°C (242°F)
- Excellent Conformability
- Superb Absorption of Resin and Varnishes
- Printable
- High Solvent Resistance

Typical Applications

Conformable and easy to handle; exhibits good breaking strength, insulating and corrosion protection; suited for applications such as anchoring ferrite strips on deflection yokes, and assorted insulating and holding coil applications where flame retardancy is necessary.

UL Component Recognition

UL Recognized for flame retardancy per UL 510, UL File Number E17385, Product Category 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 acceptability for proper and safe use of the components or products.

- UL Recognized Flame Retardant
- Decabromo Diphenyl Oxide (DPDBO) - Free
- Conformable

Technical information provided consists of typical product data and should not be used for specification purposes. Unless otherwise noted, all tests are performed at room temperature.

Properties

Typical Values*

Color	White and Black
Adhesive	Acrylic Adhesive
Continuous Operating Temperature	105°C (242° F)
Total Thickness ¹	9.7 mils (0.245 mm)
Backing Thickness	7.3 mils (0.185 mm)
Breaking Strength	40 lbs/in (70 N/10 mm)
Elongation ¹	15% at break
Dielectric Breakdown ¹	2000 Volts
Insulation Resistance ¹	2.0 x 10 ⁴ megohms
Adhesion to Steel	31.5 oz/in (3.43 N/10 mm)
Electrolytic Corrosion Factor ²	0.9 ratio
UL 510 Flame Retardant	Yes

* Not intended for specification purposes. Product specifications will be provided upon request.

¹ ASTM D 1000

² 3M Test Method - available upon request

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