



5 Electrical Tape



Clear Polyester Film Tape with Oil-Compatible,
Acrylic Adhesive

Data Sheet

Product Description

3M™ 5 Electrical Tape is a 1-mil, clear polyester film with a pressure-sensitive acrylic adhesive. A single-coated tape, it features an adhesive system that offers resistance to most common cleaning solvents.

- Oil Resistant
- Resists most common cleaning solvents
- Transparent
- UL Recognized to 130°C

UL and CSA Component Recognition

- Temperature not exceeding 130° C

UL File Number E17385, Guide OANZ2. Underwriters Laboratories (UL) Recognized products have been evaluated for use as components of end-product equipment that is Listed or Classified by UL. CSA Component File Number LR93411, Product Class No. 9052-30.

To achieve UL and CSA Recognition, component construction must meet UL and CSA specifications and conditions of acceptability for proper and safe use of the component or product.

Typical Properties

Properties	Typical Values
Adhesive	Acrylic
Backing	Polyester Film
Backing Thickness ¹	1.0 mil (0.025 mm)
Total Thickness ¹	2.5 mils (0.063 mm)
Color	Translucent
Temperature Class	130°C (266°F)
Breaking Strength ¹	25 lbs./in (44 N/10 mm)
Elongation	100%
Adhesion to Steel ¹	35 oz./in (3.8 N/10 mm)
Dielectric Strength ¹	5500V
Insulation Resistance ¹	>1 x 10 ⁶ megohms
Electrolytic Corrosion Factor ²	1.0

Footnote:

¹ Test Method ASTM D-1000

² 3M Test Method - available upon request

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

3M is a trademark of 3M.

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.

Warranty; Limited Remedy; Limited Liability. This product will be free from defects in material and manufacture as of the date of purchase. **3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. **Except where prohibited by law, 3M will not be liable for any loss or damage arising from this 3M product, whether direct, indirect, special, incidental or consequential regardless of the legal theory asserted.**



Electrical Products Division

6801 River Place Blvd.
Austin, TX 78726-9000
www.3M.com/elpd

Litho in USA
©3M IPC 2000 78-8124-4868-2-C