



# 44D-A Electrical Tape

## Reinforced Polyester Film Tape With Acrylic, Pressure-Sensitive Adhesive

### Data Sheet



#### Product Description

3M™ 44D-A Electrical Tape is a reinforced, polyester film tape with a pressure-sensitive acrylic adhesive. 44D-A Tape is especially suited to building coil barriers. The thickness and CTI rating facilitates efficiency and effectiveness in this application.

- 12 mils thick
- Reduces number of wraps
- UL Recognized to 130°C
- UL CTI Rating Group I

#### UL Component Recognition

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.

To achieve UL Recognition, component construction must meet UL 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/Non-woven composite
Backing Thickness <sup>1</sup>	10 mils (0.253 mm)
Total Thickness <sup>1,2</sup>	12 mils (0.304 mm)
Color	Tan
Temperature Class	130°C (266°F)
Breaking Strength <sup>1,2</sup>	40 lbs./in (70 N/10 mm)
Elongation <sup>1,2</sup>	20%
Adhesion to Steel <sup>1,2</sup>	35 oz./in (3.8 N/10 mm)
Dielectric Strength <sup>1,2</sup>	6000V
Insulation Resistance <sup>1</sup>	>1 x 10 <sup>6</sup> megohms
Electrolytic Corrosion Factor <sup>3</sup>	1.0
CTI Rating	Group I

#### Footnote:

<sup>1</sup> Test Method ASTM D-1000

<sup>2</sup> Test Method IEC 60454

<sup>3</sup> 3M Test Method - available upon request

*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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#### **Electrical Products Division**

6801 River Place Blvd.  
Austin, TX 78726-9000  
[www.3M.com/elpd](http://www.3M.com/elpd)

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