

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[3M](#)  
[44D-A \(1](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



# 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.*

'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.**

## **3M**

**Electrical Products Division**

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

Litho in USA  
©3M IPC 2001 78-8125-9810-6-A