



# Electrical Tape 44A

## Polyester Web-Reinforced with Acrylic Pressure-Sensitive Adhesive

### Data Sheet



#### Product Description

3M™ Electrical Tape 44A is a polyester web-reinforced film coated with acrylic, pressure-sensitive adhesive. It also offers excellent solvent resistance, good quick stick, even unwind, and CTI rating.

- UL Recognized Class 130°C, Product category OANZ2, File number E17385
- UL CTI Group I
- Decabromo Diphenyl Oxide (DBDO) Free
- Solvent resistant without thermosetting

#### Applications

3M Electrical Tape 44A is suggested for use in stick-wound coils/transformers and in bobbin-wound coils for banding, anchoring, and insulating, and for protecting start wires, leads, terminal strips, insulation paper, end turns and connections in motors and transformers.

Properties	Typical Value
Adhesive	Acrylic Pressure Sensitive
Total thickness (backing plus adhesive)	5.5 mil (0.139 mm)
Temperature Class	130°C (266°F)
Adhesion to steel <sup>1</sup>	15oz/in (1.6N/10mm)
Insulation Resistance	>1 x 10 <sup>6</sup> megohms
Breaking strength <sup>1</sup>	35 lbs/in (62N/10mm)
Elongation (% at break) <sup>1</sup>	50%
Dielectric Breakdown	5000V
CTI Group	I
Electrolytic Corrosion Factor <sup>2</sup>	1.0

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

Test Methods: 1. ASTM-D-1000; 2. 3M Test method

3M is a trademark of 3M Company.

**Important Notice**

All statements, technical information, and recommendations related to 3M's products are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. 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. Any statements related to the product which are not contained in 3M's current publications, or any contrary statements contained on your purchase order shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of 3M.

**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 Markets Division**

6801 River Place Blvd.

Austin, TX 78726-9000

[www.3M.com/electrical/oem](http://www.3M.com/electrical/oem)

Litho in USA

© 3M 2004 78-8126-5977-5-A