



# 65 Electrical Tape

Cotton Cloth with Thermosetting Rubber,  
Pressure-Sensitive Adhesive

## Data Sheet



### Product Description

3M™ 65 Tape is white cotton cloth backing with a rubber thermosetting, pressure-sensitive adhesive.

- Good mechanical strength
- Conformable
- Abrasion Resistant
- Good Varnish Absorption
- For maximum solvent resistance and holding properties, the tape should be thermoset at one of the following cycles:

1 hour @ 150°C (300°F)  
2 hours @ 135°C (275°F)  
3 hours @ 120°C (250°F)

### Applications

3M 65 Tape is especially suited to applications requiring a general utility grade cotton tape for abrasion resistance and good strength.

### UL Component Recognition

UL Recognized for use at temperatures not exceeding 105°C. UL File Number E17385, Guide 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 component or products.

### Typical Properties

### Typical Values

Adhesive	Rubber Thermosetting
Backing	Cotton Cloth
Backing Thickness <sup>1</sup>	7.5 mils (0.188mm)
Total Thickness <sup>1</sup>	9.0 mils (0.225mm)
Color	White
Temperature Class	105°C
Dielectric Breakdown <sup>1</sup>	1,000 Volts
Breaking Strength <sup>1</sup>	35 lbs./in (62N/10mm)
Elongation (% at break) <sup>1</sup>	5%
Adhesion to Steel <sup>1</sup>	25 oz/in (2.7N/10mm)

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

Footnote: 1 Test Method ASTM D1000

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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  
<http://www.3M.com/elpd/oem>

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