



# 12 Electrical Tape

## Flatback Paper Tape With Thermosetting Rubber Pressure-Sensitive Adhesive

### Data Sheet

#### Product Description

3M™ 12 Electrical Tape is a flatback paper tape with a thermosetting, natural rubber resin, pressure sensitive adhesive. This tape is designed for continuous operation at 105°C.

- Highly conformable
- Puncture resistant
- Good cushioning properties

#### Applications

3M 12 Tape is especially suited for banding coils and for cover on bobbin-wound coils.

Typical Properties	Typical Values
Backing	Flatback Paper
Adhesive	Thermosetting Rubber
Backing Thickness	3.0 mils/0.076 mm
Total Thickness <sup>1</sup>	5.5 mils /0.140 mm
Operating Temperature	105°C (221°F)
Dielectric Breakdown <sup>1</sup>	2000 Volts
Insulation Resistance <sup>1</sup>	>1 x 10 <sup>6</sup> megohms
Breaking Strength <sup>1</sup>	22 lbs. /in (38.5 N/10 mm)
Adhesion to Steel <sup>1</sup>	40 oz/in (4.4 N/10 mm)

Footnote: 1 Test Method ASTM D-1000/IEC 60454 Part 2

*Note: Technical information provided consists of typical product data and should not be used for specification purposes. Unless otherwise noted, all tests are performed at room temperature.*

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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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