



54 Tape

Polyester Film Tape With Thermosetting Rubber Adhesive

Data Sheet

Product Description

3M™ 54 Tape is a 1-mil transparent polyester film with rubber thermosetting adhesive.

- 1-mil transparent polyester film backing
- Thermosetting rubber adhesive
- Supplied on 3 inch cores

Like all 3M insulating tapes, 3M 54 Tape is available in standard and custom widths and lengths. Standard length is 72 yards.

- Widths from 1/4" to 22.5"
- Longer lengths up to several times normal length, dependent upon width. Check with Customer Service.

Applications

3M 54 Tape is especially suited for use in wrapping fine wire coils where magnet wire serves to color code.

Properties

Typical Values

Adhesive	Thermosetting Rubber
Backing	Polyester Film
Backing Thickness ¹	1.0 Mil
Total Thickness	2.5 mils/.063mm
Color	Transparent
Temperature Class	130°C /266°F
Dielectric Breakdown ¹	5,500 Volts
Insulation Resistance ¹ (megohms)	>1 x 10 ⁶
Breaking Strength ¹	25 lbs./in. (44 n/10mm)
Elongation ¹ (% at break)	100
Electrolytic Corrosion Factor ²	1.0
Adhesion to Steel ¹	45 oz./in. (4,9 n/10mm)

*Footnote: 1. Test method ASTM D 1000
2. 3M Test Method-Available on request

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