



3M™ Polyester Film Electrical Tape 54

2 Products



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Specifications

Attribute Name	Value
Adhesion Strength	45 Ounce
Adhesion to Steel oz/in (N/100 mm)	45 (49)
Adhesive Material	Thermosetting Rubber
Agency Approvals	CSA Certified, UL Recognized
Backing Material	Polyester
Breaking Strength	25 lb/in
Color	Translucent
Core Material	Paper
Core Size	3 Inch
Dielectric Breakdown	5500 Volt
Dielectric Strength	5500 Volt
Electrolytic Corrosion Factor	1
Elongation at Break	100%
Flammability Rating--USA	None

Insulation Resistance 1 x 10⁶ megohms



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Operating Temperature Range (Celsius) 0 to 130 Degree Celsius

Operating Temperature Range (Fahrenheit) 32 to 266 Degree Fahrenheit

Product Markets Electrical Equipment Manufacturing

Product Type Polyester Film Tape

RoHS 2011/65/EU Compliant Yes

RoHS EU Comments RoHS 2011/65/EU compliant without exemption
*Important RoHS information

Rolls per Case 48, 72

Tape Type Electrical Insulating Tapes for Equipment Manufacturing

Thickness 2.5 mil

Thickness (Metric) 0.063 mm

Width 0.5 Inch, 0.75 Inch

Details

3M™ Polyester Film Electrical Tape 54 is a 1 mil polyester film tape with a translucent rubber thermosetting adhesive on a three inch core.

Resources

Brochure

[Tech Brief: Comparative Tracking Index Test \(PDF, 532.2KB\)](#)

[3M™ OEM Insulating and Conductive Tapes Brochure \(PDF, 6.9MB\)](#)

[Insulation for Transformer, Applications Guide \(PDF, 415.0KB\)](#)

Info

[General Rules for Shelf Life Statements \(VND.MS-EXCEL, 21.5KB\)](#)

[3M™ Electrical OEM Tapes UL Matrix \(PDF, 6.2KB\)](#)