# **3M** 57 Tape

# Polyester Film With Rubber Adhesive Data Sheet

## **Product Description**

3M<sup>™</sup> 57 Tape is a 2-mil transparent polyester film with rubber thermosetting adhesive.

- · 2-mil transparent polyester film backing
- · Rubber adhesive
- Supplied on 3 inch cores

Like all 3M insulating tapes, 3M 57 Tape is available in standard and custom widths and lengths. Standard length is 72 yards.

- Widths from 1/4" to 15.5"
- Longer lengths up to several times normal length, dependent upon width. Check with Customer Service.

### **Applications**

3M 57 Tape is suited for use as a coil cover; layer insulation and capacitor wrap where higher electrical strength is desirable.

Properties	Typical Values

Adhesive	Rubber Thermosetting	
Backing	Polyester Film	
Backing Thickness <sup>1</sup>	2.0 Mil	
Total Thickness	3.3 mils/.083mm	
Color	Yellow	
Temperature Class	130°C /266°F	
Dielectric Breakdown <sup>1</sup>	7000 Volts	
Insulation Resistance¹ (megohms)	>1 x 10 <sup>6</sup>	
Breaking Strength <sup>1</sup>	50 lbs./in. (88 n/10mm)	
Elongation <sup>1</sup> (% at break)	110	
Electrolytic Corrosion Factor <sup>2</sup>	1.0	
Adhesion to Steel <sup>1</sup>	60 oz./in. (6,5 n/10mm)	

\* Footnote: 1. Test method ASTM D 1000

2. 3M Test Method-Available on request

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