



# 61 Tape

## PTFE Film With Silicone Adhesive

### Data Sheet

#### Product Description

- 5.0-mil PTFE backing
- Silicone thermosetting adhesive
- Supplied on 3 inch cores

Like all 3M insulating tapes, 3M™ 61 Tape is available in standard and custom widths and lengths. Standard length is 36 yards.

- Widths from 1/4" to 14"
- Longer lengths up to several times normal length, dependent upon width. Check with Customer Service.

#### Applications

3M 61 Tape is for use on high temperature coils, capacitors and wire harnesses where high dielectric and breaking strength are required.

#### Properties

#### Typical Values

Adhesive	Silicone Thermosetting
Backing	PTFE Film
Backing Thickness <sup>1</sup>	5.0 Mil
Total Thickness	7.0 mils/0.178mm
Temperature Class	180°C /356°F
Dielectric Breakdown <sup>1</sup>	15000 Volts
Insulation Resistance <sup>1</sup> (megohms)	>1 x 10 <sup>6</sup>
Breaking Strength <sup>1</sup>	45 lbs./in. (79 n/10mm)
Elongation <sup>1</sup> (% at break)	300
Electrolytic Corrosion Factor <sup>2</sup>	1.0
Adhesion to Steel <sup>1</sup>	35 oz./in. (3,8 n/10mm)
UL Flame Retardant <sup>3</sup>	Yes

\* Footnote: 1. Test method ASTM D 1000  
2. 3M Test Method-Available on request  
3. UL-recognized for flame retardancy per UL 510, Product Category 0ANZ2, File E17385.

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