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3M

63 Tape

PTFE Film With Acrylic Adhesive

Data Sheet

Product Description

- 2.0-mil PTFE backing
- Acrylic adhesive
- Supplied on 3 inch cores

Like all 3M insulating tapes, 3M™ 63 Tape is available in standard and custom widths and lengths. Standard length is 36 yards.

- Widths from 1/4" to 13"
- Longer lengths up to several times normal length, dependent upon width. Check with Customer Service.

Applications

3M 63 Tape is for use on coils, capacitors and wire harnesses; solvent-resistant adhesive; for use where chemical properties are more important than temperature resistance.

Properties

Typical Values

Adhesive	Acrylic
Backing	PTFE Film
Backing Thickness ¹	2.0 Mil
Total Thickness	3.5 mils/0.088mm
Temperature Class	155°C /307°F
Dielectric Breakdown ¹	9500 Volts
Insulation Resistance ¹ (megohms)	>1 x 10 ⁶
Breaking Strength ¹	20 lbs./in. (35 n/10mm)
Elongation ¹ (% at break)	200
Electrolytic Corrosion Factor ²	1.0
Adhesion to Steel ¹	35 oz./in. (3.8 n/10mm)
UL Flame Retardant ³	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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