



60 Tape

PTFE Film With Silicone Adhesive

Data Sheet

Product Description

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

Like all 3M insulating tapes, 3M™ 60 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 60 Tape has consistent physical and electrical properties over a broad temperature range; for use on high temperature coils, capacitors and wire harnesses.

Properties

Typical Values

| | |
|--|--------------------------|
| Adhesive | Silicone Thermosetting |
| Backing | PTFE Film |
| Backing Thickness ¹ | 2.0 Mil |
| Total Thickness | 4.0 mils/0.102mm |
| Temperature Class | 180°C /356°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 | 30 oz./in. (3.20 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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