



74 Tape

Polyester Film With Rubber Adhesive

Data Sheet

Product Description

3M™ 74 Tape is a 0.5-mil polyester film with rubber thermosetting adhesive.

- 0.5-mil polyester film backing
- Rubber thermosetting adhesive
- Supplied on 3 inch cores

Like all 3M insulating tapes, 3M 74 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 74 Tape is conformable; provides good electrical strength for coil applications where space is at a premium.

Properties

Typical Values

| | |
|--|-------------------------|
| Adhesive | Rubber Thermosetting |
| Backing | Polyester Film |
| Backing Thickness ¹ | 0.5 Mil |
| Total Thickness | 0.8 mils/0,02mm |
| Color | Yellow |
| Temperature Class | 130°C /266°F |
| Dielectric Breakdown ¹ | 3500 Volts |
| Insulation Resistance ¹ (megohms) | >1 x 10 ⁶ |
| Breaking Strength ¹ | 12 lbs./in. (21 n/10mm) |
| Elongation ¹ (% at break) | 100 |
| Electrolytic Corrosion Factor ² | 1.0 |
| Adhesion to Steel ¹ | 20 oz./in. (2,2 n/10mm) |

* Footnote: 1. Test method ASTM D 1000
2. 3M Test Method-Available on request

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