



ELECTRICAL INSULATION TAPES



3M 61 PTFE Film Tape

3M 61 PTFE Film Tape is a high quality electrical tape manufactured from a Polytetrafluoroethylene (PTFE) backing that is coated on one side with a silicone thermosetting adhesive. Supplied on 3 inch cores, this tape exhibits highly consistent physical and electrical properties in applications up to 180°C. It is usually used on high temperature coils, capacitors or wire harnesses that require a thicker, stronger tape.

Features

- Non-stick PTFE backing
- High temperature resistance
- Excellent reliability
- High dielectric and breaking strength
- Flame Retardant

Properties

Adhesive Backing	Silicone Thermosetting PTFE Film
Backing Thickness ¹	0.127mm (5 mil)
Total Thickness	0.178mm (7 mil)
Temperature Class	180°C (356°F)
Breaking Strength ¹	79 N / 10mm (45 lbs./in)
Elongation ¹	300%
Adhesion to Steel ¹	3.8 N / 10mm (35 oz./in)
Dielectric Breakdown ¹	15,000V
Insulation Resistance ¹	>1 x 10 ⁶ megohms
Electrolytic Corrosion Factor ²	1.0
UL Flame Retardant	Yes

¹Test Method ASTM D-1000

²3M Test Method – Available upon request.

³UL Recognised for Flame Retardancy per UL 510, Product Category 0ANZ2, File E17385

Availability

Associated Gaskets slits 3M 61 PTFE Film Tape in-house and can provide this quality insulation tape in whatever width you require (standard widths are also listed below).

Standard roll widths: 6mm, 9mm, 12mm, 15mm, 18mm, 21mm, 24mm

Standard roll length: 33mtrs.

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Important

This information should not be treated as a substitute for specific technical advice. AG does not offer such advice and cannot warrant the performance or suitability of products for particular applications.