



46 Electrical Tape

Polyester Film/Glass Filaments, Reinforced Backing
with Thermosetting Rubber, Pressure Sensitive Adhesive
Data Sheet

High tensile strength
High dielectric strength
UL recognized Class B (130°C)

3M™ 46 Electrical Tape is a polyester film/glass filament tape coated with a thermosetting, pressure-sensitive rubber adhesive system. The polyester film/glass backing has excellent physical and electrical characteristics. 46 tape is especially suited for such applications as lead anchoring and banding of coils where high edge-tear resistance and low stretch under application tension are needed.

Properties	Typical Values*
Caliper ¹	7.0 mils (.177 mm)
Breaking Strength ¹	275 lbs./in (481 N/10 mm)
Elongation	5%
Adhesion to Steel ¹	50 oz/in (5.4 N/10 mm)
Dielectric Strength ¹	5500V
Insulation Resistance ¹	3x10 ³ megohms
Electrolytic Corrosion Factor ²	1.0 ratio

*All values are averages based on several determinations and not intended for specification purposes. Product specifications will be provided upon request.

Test methods: ¹ ASTM D-1000
² 3M Test Method - available upon request

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