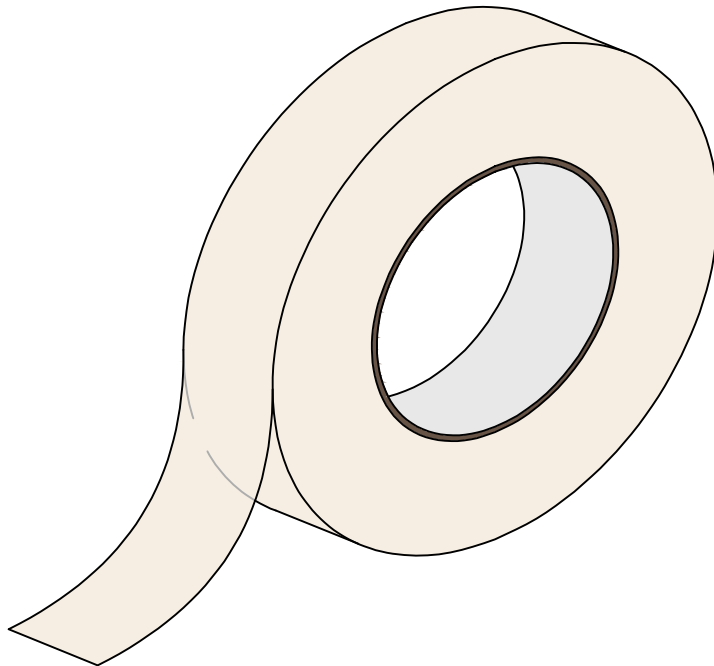


Remington Industries offers this 3M™ Filament-Reinforced Electrical Tape #46, which is commonly used in applications such as lead anchoring and banding of coils. Designed for continuous operation not exceeding 130°C per UL and CSA listings, the tape is coated on one side with a pressure-sensitive adhesive that does not require any heat, moisture, or other preparation to properly bond. The white polyester film glass filament reinforced backing plus the thermosetting rubber adhesive make for an industrial-grade tape with a minimum breaking strength of 180 lb/in. The tape comes on rolls of 60 yards (54.9 meters), which have a 5-year shelf life from the date of manufacture when properly stored.

- Type: 3M™ Filament-Reinforced Electrical Tape #46
 - Backing Material: White Polyester Film/Glass Filament
 - Adhesive Material: Thermosetting Rubber
 - Mechanical Properties:
 - Total Thickness*: 6.5 ± 1.0 mils (0.165 ± 0.025 mm)
 - Adhesion to Steel*, Minimum: 50 oz/in (5.5 N/cm)
 - Breaking Strength*, Minimum: 180 lb/in (315 N/cm)
 - Elongation*, Minimum: 5%
 - Electrical Properties:
 - Dielectric Breakdown*, Minimum: 5,000 V
 - Electrolytic Corrosion Factor: 1.0 – 3M Test Method ETM-54001, where 1.0 equates to no corrosion observed
 - Insulation Resistance*, Minimum: 20 × 10⁶ Ω
- * ASTM D1000 Test Method - Properties measured at room temperature 23°C (73°F) unless otherwise stated

- Temperature Rating: 130°C (266°F) per UL and CSA listings
- UL Component Recognized: UL510A Standard, Category OANZ2, File No. E17385
- CSA Certified: C22.2 No. 66, File No. 093411, Class 9052-30
- 5-year shelf life (from the date of manufacture) when stored in humidity-controlled storage (10°C/50°F to 27°C/80°F and <75% relative humidity)
- Roll Length: 60 yd (54.9 m)



3M is a trademark of 3M Company.

PART NUMBER	TAPE WIDTH
46TAPE1/8	0.125" (3.18 mm)
46TAPE1/4	0.250" (6.35 mm)
46TAPE3/8	0.375" (9.53 mm)
46TAPE1/2	0.500" (12.70 mm)
46TAPE5/8	0.625" (15.88 mm)
46TAPE3/4	0.750" (19.05 mm)
46TAPE7/8	0.875" (22.23 mm)
46TAPE1	1.00" (25.40 mm)
46TAPE1-1/4	1.25" (31.75 mm)
46TAPE1-1/2	1.50" (38.10 mm)
46TAPE1-3/4	1.75" (44.45 mm)
46TAPE2	2.00" (50.80 mm)

Electrical Tape 46 3M™ Filament-Reinforced Tape Data Sheet

Remington Industries is proud to offer our Custom Wire Services

Our exclusive inventory of in-stock wire and ability to procure wire of all kinds makes us the perfect partner for wire purchasing and custom wire services. We are proud to provide essential, high quality wire for engineering projects, educational science projects, coil winding, and electronics applications.

Some of our many wire services include the following:

- Wire Re-Packaging
- Bifilar & Trifilar Windings
- Wire Processing
- Coil Winding
- Wire Procurement Services

If you have any questions or need any information about our [Wire Services](#), feel free to contact us! It only takes one call to get experienced assistance.

Contact us by phone:
(815) 385-1987

Contact us by email:
sales@remingtonindustries.com

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