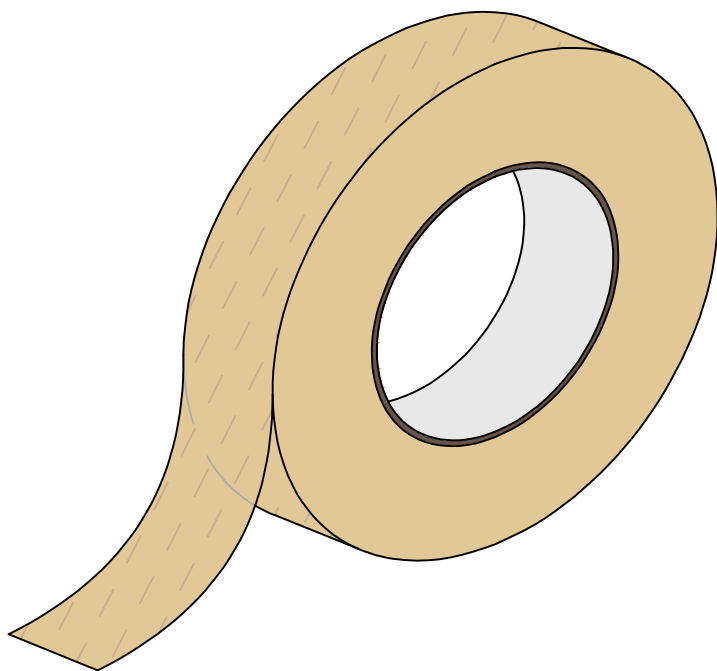


Remington Industries offers this 3M™ Composite Film Electrical Tape #44, which is commonly used in applications such as stick-wound coils/transformers and in bobbin-wound coils for banding, anchoring, and insulating. Designed for continuous operation not exceeding 130°C per UL and CSA listings, the tape is coated on one side with a pressure-sensitive adhesive that does not require any heat, moisture, or other preparation to properly bond. The tan polyester film/nonwoven composite backing plus the thermosetting rubber adhesive make for an industrial-grade tape with a minimum breaking strength of 25 lb/in. The tape comes on rolls of 90 yards (82.3 meters), which have a 5-year shelf life from the date of manufacture when properly stored.

- Type: 3M™ Composite Film Electrical Tape #44
 - Backing Material: Tan Polyester Film/Nonwoven Composite
 - Adhesive Material: Thermosetting Rubber
 - Mechanical Properties:
 - Total Thickness*: 5.25 ± 0.75 mils (0.133 ± 0.019 mm)
 - Adhesion to Steel*, Minimum: 70 oz/in (7.7 N/cm)
 - Breaking Strength*, Minimum: 25 lb/in (44 N/cm)
 - Elongation*, Minimum: 15%
 - Electrical Properties:
 - Comparative Tracking Index (CTI): 1 – *UL tested and meets the listed UL840 Material Group when tested to IEC 60112 on both sides of the tape*
 - Dielectric Breakdown*, Minimum: 4,500 V
 - Electrolytic Corrosion Factor: 1.0 – *3M Test Method ETM-54001, where 1.0 equates to no corrosion observed*
 - Insulation Resistance*, Minimum: 1 × 10¹² 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: 90 yd (82.3 m)



3M is a trademark of 3M Company.

PART NUMBER	TAPE WIDTH
44TAPE1/8	0.125" (3.18 mm)
44TAPE1/4	0.250" (6.35 mm)
44TAPE3/8	0.375" (9.53 mm)
44TAPE1/2	0.500" (12.70 mm)
44TAPE5/8	0.625" (15.88 mm)
44TAPE3/4	0.750" (19.05 mm)
44TAPE7/8	0.875" (22.23 mm)
44TAPE1	1.00" (25.40 mm)
44TAPE1-1/4	1.25" (31.75 mm)
44TAPE1-1/2	1.50" (38.10 mm)
44TAPE1-3/4	1.75" (44.45 mm)
44TAPE2	2.00" (50.80 mm)

Electrical Tape 44

3M™ Composite Film 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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