

“You can wrap the electrical parts or you can wrap the squirrel, but the parts don't move.”



Rauckman Squirrel Tape brand silicone tapes are specially formulated self-fusing, self-amalgamating silicone rubber.

The tape bonds to itself irreversibly to provide a fully sealed insulating barrier that is resistant to moisture, oxygen, ozone and corona over a wide temperature range.

Squirrel Tape provides superior electrical insulation.

Squirrel Tape has a rectangular cross section of uniform thickness and as a high quality electrical tape it is ideal for electric utility applications.



Use For Underground Too



FEATURES

- ▶ Resists moisture, oxygen, and ozone to assure consistent high insulation values
- ▶ Conforms smoothly when wrapped around complex shapes
- ▶ Bonds to itself within 24 hours
- ▶ Dampens vibration and resists heat and mechanical shock
- ▶ Inherently flame resistant, UV resistant and corona resistant
- ▶ Will not leave adhesive residue when removed

APPLICATIONS

- ▶ Animal Mitigation by covering energized parts
- ▶ Insulation for splicing and terminating
- ▶ Insulating & sealing electrical connections
- ▶ Underground cable splices
- ▶ Harness wrapping and wire bundling
- ▶ Superior repair tape for permanent or emergency electrical insulation
- ▶ Superior tape for emergency mechanical repair

Rauckman Squirrel Tape™

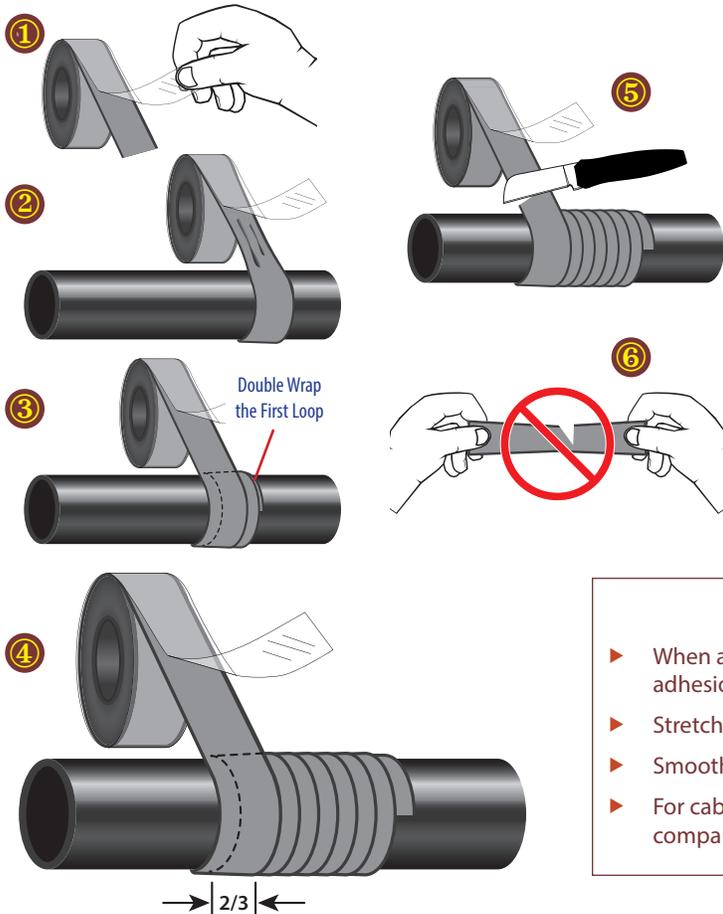
Superior Electrical Insulation



SPECIFICATIONS

- ▶ **Thickness:** 30 mil (0.030")
- ▶ **Operating Temperature Range:** -65°F up to 500°F
- ▶ **ASTM D-149:** 881 v/mil
- ▶ **Voltage Maximum Rating:** 15 kV with 2/3 Overlap - 1 Layer
35 kV with 2/3 Overlap - 2 Layers
- ▶ **Volume Resistivity:** 10^{13} Ω-cm min. (ASTM D257)
- ▶ **Self Adhesion:** 2 ppi min. (3.5 N/cm) (ASTM D2148)
- ▶ **Hardness:** 50±10 Shore A (ASTM D2240)
- ▶ **Moisture Absorption:** 0.9% (46 hrs. in H₂O at 70°F)
- ▶ **Bonding Period:** 24 Hours

INSTALLATION INSTRUCTIONS



- ① Continuously remove the clear plastic liner as you install the tape.
- ② While installing the tape stretch the tape slightly to maintain a good wrap. Do not exceed approximately 10% elongation.
- ③ For a good adhesion it is recommended to start by double wrapping the first loop.
- ④ Continue by overlapping the tape by 2/3 of the width.
- ⑤ Always use a utility knife to cut the tape.
- ⑥ Do not pull the tape exceedingly or try to tear it by pulling on the tape.

INSTALLATION TIPS

- ▶ When applied, the tape temperature must be above 32°F (0°C) to ensure adhesion. Keep tape warm by carrying it in coat pocket.
- ▶ Stretch the tape only enough to provide a smooth wrap.
- ▶ Smooth each wrapped layer with your hands to ensure full adhesion.
- ▶ For cable splicing and terminations begin with preparing the cable using a company approved cable preparation cleaner or solvent.

ORDERING INFORMATION

Catalog No.	Description	Width	Length	Thickness	ASTM D-149	Color	Weight	Units in Std. Pkg.
RFT-100G	Self-Fusing Silicone Tape	1" (25.4 mm)	36' (12 m)	30 mil	881 v/mil	Gray	0.6 lbs.	1
RFT-200G	Self-Fusing Silicone Tape	2" (50.8 mm)	36' (12 m)	30 mil	881 v/mil	Gray	1.2 lbs.	1

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