

E/FUSING TAPE

PRODUCT DATA SHEET



Used In Substation Distribution

MEETS IEEE 1656 STANDARD

Product Description

A non-adhesive, self-fusing silicone rubber tape that provides superior dielectric strength. Also acts as an insulating barrier, preventing wildlife contact with energized utility equipment.

Features

- Self-fusing, bonds to itself on contact. Does not stick to equipment or leave residue.
- Extremely durable. Will not chalk, brittle, crack or craze.
- Low aging. Resistant to UV, salt, weather, contaminants, corona and ozone.
- Self-extinguishing, non-tracking and arc resistant. Will not melt or spread flames.
- Flexible. Conforms to odd shaped equipment and can be removed easily with a utility knife.



Application

Install on any utility equipment where animal contact, electrical insulation, or contamination is a concern.

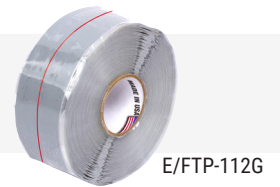
Quick Instructions

1) Remove liner and position tape on equipment. 2) Begin the first wrap completely over itself to establish bond. 3) Continue wrapping with a light 10% stretch, maintaining 2/3 overlapping wrap. 4) On final wrap, relax stretch and wrap completely over itself, pressing firmly on ends.

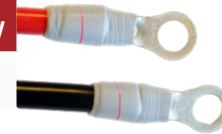
Product Selection

8kV to 12kV* Phase-to-Ground Protection

Insulate low to medium voltage cables, bus, leads, terminations, and various electrical connections. Also use as a protective overwrap. Application examples: build up stress cones, insulate spliced connections, jacket repair, eliminate tracking on exposed wiring, and more.

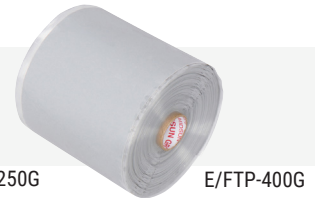
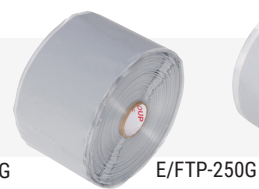
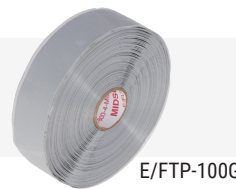


Part #	Color	Thickness	Width	Length	Case Qty
E/FTP-112G	Gray	12 mil (0.30 mm)	1.00 in (25.40 mm)	30 ft (9.10 m)	24



15kV to 30kV* Phase-to-Ground Protection

Insulate or seal any distribution and substation equipment you can wrap. Application examples: bushing connections, busbar, and more.



Part #	Color	Thickness	Width	Length	Case Qty
E/FTP-100G	Gray	30 Mil (0.76 mm)	1.00 in (25.40 mm)	36 ft (10.90 m)	54
E/FTP-100R	Red	30 Mil (0.76 mm)	1.00 in (25.40 mm)	36 ft (10.90 m)	54
E/FTP-250G	Gray	30 Mil (0.76 mm)	2.50 in (63.50 mm)	36 ft (10.90 m)	24
E/FTP-250R	Red	30 Mil (0.76 mm)	2.50 in (63.50 mm)	36 ft (10.90 m)	24
E/FTP-400G	Gray	30 Mil (0.76 mm)	4.00 in (101.60 mm)	36 ft (10.90 m)	12
E/FTP-400R	Red	30 Mil (0.76 mm)	4.00 in (101.60 mm)	36 ft (10.90 m)	12



*A single layer provides the minimum kV rating, while a double layer (with the second layer wrapped in the opposite direction) provides the maximum kV rating.

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35kV to 50kV* Phase-to-Ground Protection

Insulate high voltage substation equipment.



E/FTP-25080-35kV



E/FTP-480-35kV

Part #	Color	Thickness	Width	Length	Case Qty
E/FTP-25080-35kV	Gray	80 mil (2.00 mm)	2.50 in (63.50 mm)	15 ft (4.57 m)	24
E/FTP-25080-35kV RED	Red	80 mil (2.00 mm)	2.50 in (63.50 mm)	15 ft (4.57 m)	24
E/FTP-480-35kV	Gray	80 mil (2.00 mm)	4.00 in (101.60 mm)	15 ft (4.57 m)	12
E/FTP-480-35kV RED	Red	80 mil (2.00 mm)	4.00 in (101.60 mm)	15 ft (4.57 m)	12

*A single layer provides the minimum kV rating, while a double layer (with the second layer wrapped in the opposite direction) provides the maximum kV rating.

Handling

Keep tape roll clean and free of debris to ensure proper adhesion.

Storage Recommendations

Store in a climate controlled environment.