

Technical data sheet



Product: FD

Manufacturer: 3M DEUTSCHLAND GMBH

Product group: ELEKTRO

Article group: PRIMER

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3M SCOTCHKOTE ELECTRICAL COATING FD

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3M™ Scotchkote™ Electrical Coating FD

Data Sheet

April 2013

Product Description 3M™ Scotchkote™ Electrical Coating FD is designed as a fast-drying sealant and bonding agent intended for use on joints wrapped with plastic electrical tape.

- Product Features**
- Compatible with Scotch® Vinyl Electrical Tapes
 - Fast drying
 - Flexible when dry
 - Self-contained applicator
 - Virtually no waste if container resealed after use
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Applications Electrical Coating FD is intended for use as an outer seal on vinyl tape applications which are subjected to excessive amounts of oil. It is designed to improve the weather resistance of the taped joint of splice. It is suitable for direct burial, direct water immersion or above ground applications. Contact with potable water is not recommended.

Precautionary and first aid information for this product may be found in its Material Safety Data Sheet and on the product container.

Application Techniques After taping splices with Scotch® Vinyl Electrical Tape, apply Electrical Coating FD evenly over splice, extending a short distance onto the cable insulation. Be sure the surface is clean, dry and free from oil or grease before electrical coating is applied.

3M™ Scotchkote™ Electrical Coating FD

Typical Physical Properties

Technical information provided consists of typical product data and should not be used for specification purposes. Unless otherwise noted, all tests are performed at room temperature.

Physical Properties	Typical Value
Tack Free Time @ 72°F/22°C	12 minutes
Adhesion to: Wood Metal Rubber Plastic	Good Good Good Good
Electrical Properties	Typical Value
Dielectric Strength: Dry 24 hrs. in H ₂ O	450 volts/mil 200 volts/mil
Chemical Properties	Typical Value
Solvent	Acetone
Solids (28%)	Synthetic rubber & resin
Flash Point	-4°F/-20°C (closed cup)

Shelf Life & Storage

This product has a 2-year shelf life from date of manufacture when stored in a humidity controlled storage (10°C/50°F to 27°C/80°F and <75% relative humidity).

Availability

Please contact your local distributor; available from 3M.com/electrical [Where to Buy] or call 1.800.245.3573.

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