

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

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.

Important Notice

All statements, technical information, and recommendations related to 3M's products are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product, which are not contained in 3M's current publications, or any contrary statements contained on your purchase order, shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of 3M.

Warranty; Limited Remedy; Limited Liability

This product will be free from defects in material and manufacture at the time of purchase. **3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. **Except where prohibited by law, 3M will not be liable for any indirect, special, incidental or consequential loss or damage arising from this 3M product, regardless of the legal theory asserted.**

3M, Scotchkote and Scotch are trademarks of 3M Company.



Electrical Markets Division

6801 River Place Blvd.
Austin, TX 78726-9000
800.245.3573
FAX: 800.245.0329
www.3M.com/electrical

Please recycle
© 3M 2013 All rights reserved
78-8141-5336-3 Rev C