



Scotchkote™ Electrical Coating

Data Sheet

January 2008

Product Description	3M™ Scotchkote™ Electrical Coating is designed as a fast-drying sealant and bonding agent intended for use on joints wrapped with plastic electrical tape.
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Product Features	- Compatible with Scotch® Vinyl Electrical Tapes - Fast drying - Flexible when dry - Self-contained applicator - No waste if container resealed after use
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Applications	Scotchkote Electrical Coating 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.
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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 Scotchkote Electrical Coating 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.
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NOTE: 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.

Typical Physical Properties

Tack Free Time 72°F/22°C	15 minutes
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Adhesion to:	
Wood	Good
Metal	Good
Rubber	Good
Plastic	Good

Typical Electrical Properties

Dielectric Strength	
Dry	450 volts/mil
24 hrs. in H ₂ O	200 volts/mil

Typical Chemical Properties	Solvent	Acetone, Methyl ethyl Ketone, toluene
	Solids (25%)	Synthetic rubber & resin
	Flash Point	0°F/-18°C (closed cup)
Availability	3M™ Scotchkote™ Electrical Coating is available in a 4-oz. or 16-oz. can size with 10 cans per case, and may be purchased from your local electrical distributor.	

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