



1601, 1602, 1603 Scotch™ Insulating Sprays

Data Sheet

1. Product Description

Scotch Brand Insulating Sprays are electrical grade, fast drying sealers and insulators in a pressurized can. These sealers protect surfaces against weather, moisture, corrosion, oil, alkalis and acids. The sprays can afford easy access to hard-to-reach spots. Three sprays are available in the following colors:

- 1601 - Clear
- 1602 - Red
- 1603 - Black

2. Applications

Use Insulating Spray sealer to spray over insulation on wire and cable splices, as a general-purpose sealer or for touch-up insulation on motor windings and frames.

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

3. Data

<u>General Properties</u>	<u>Typical Value</u>
• Dielectric Strength (V/mil)	850
• Tack Free Time 77°F (25°C)	15 minutes
40°F (4°C)	30 minutes
• Gardner Impact Strength (in-lbs.)	60
• Hardness (pencil)	4B
• Propellant	Iso-butane and propane
• % Solids	15% (approximately)
• Solvents	Xylene, M.E.K., Acetone
• Base	Alkyd Resin
• Flash Point	-50°F (-46°C)

4. Application Techniques

Shake well. Open and shut valve COMPLETELY with forefinger when spraying. Keep fingertip behind spray head to avoid forming droplets on painted surface. Partial valve depression reduces pressure and causes faulty spray.

Absolute Must: Hold can no closer than 10 to 12 inches from surface being sprayed. To prevent clogging, turn can upside down and spray short jet of clear gas after each job. Do not expose to extreme hot or cold.

5. Maintenance

When necessary, remove sprayhead. Replace by holding finger over orifice to prevent accidental spray. If spray valve yields irregular pattern or fails to spray, inspect orifice for residues and scrape off with fingernail or soft object. Then twist spray head one-half turn.

6. Availability

Scotch Brand Insulating Sprays are available in a 16 oz. can size with 12 cans per case and may be purchased from your local electrical distributor.

3M is a trademark of 3M

IMPORTANT NOTICE

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.

Warranty; Limited Remedy; Limited Liability. This product will be free from defects in material and manufacture as of the date 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 loss or damage arising from this 3M product, whether direct, indirect, special, incidental or consequential regardless of the legal theory asserted.**

3M

Electrical Products Division

6801 River Place Blvd.
Austin, TX 78726-9000
<http://www.3M.com/elpd>

Litho in USA.
© 3M IPC 2001 78-8125-9820-5-A