

Scotch® Filament Tape 8919



Technical Data

February, 2003

Product Description

Scotch® Filament Tape 8919 is a high-performance transparent tape reinforced with continuous high strength glass filaments. The tape is designed to hold appliance parts together during manufacture and shipping. The heavy 3M™ Scotchpar™ film backing provides greater stiffness and excellent abrasion, moisture, and scuff resistance. The pressure sensitive adhesive is specifically formulated to provide high adhesion, clean removal, and stain resistance on most finishes.

Construction

Backing	Adhesive	Reinforcement	Backing Color
3M™ Scotchpar™ film	Pressure sensitive rubber resin	Glass yarn	Clear

Typical Physical Properties

Note: The following technical information and data should be considered representative or typical only, and should not be used for specification purposes.

		ASTM Test Method
Adhesion to Steel:	70 oz./in. width (76 N/100 mm width)	D-3330
Tensile Strength:	380 lbs./in. width (6650 N/100 mm width)	D-3759
Elongation at Break:	3%	D-3759
Total Thickness:	7 mil (0.18 mm)	D-3652

Features

- Balanced adhesive.
- Smooth adhesive.
- Glass filament reinforcement.
- Less flexible tape.
- Abrasion- and moisture-resistant.
- Printable by the Print-Seal process.
- High shear strength. Good initial adhesion. Generally stain resistant.
- Minimum odor.
- Stain resistant to most synthetic enamel and lacquer finishes.*
- Nearly complete contact with application surface.
- High tensile strength and impact resistance coupled with low stretch under stress.
- Easy to dispense and handle when used with 3M dispensers.
- Excellent protection of filaments and adhesive to allow use of less tape.
- Provides advertising and warning capability when printed.
- Good holding under stress with a minimum amount of tape and application effort, yet allows easy removal without excessive adhesive residue, or stain. Allows tape to be used on or in appliances during storage and shipping.
- Doors and other movable parts are held securely in place to guard against damage.

*Tests should be conducted when staining is a factor.

Scotch® Filament Tape

8919

Available Sizes	Standard Widths: .47 in. (12 mm), .71 in. (18 mm), .94 in. (24 mm), 1.4 in. (36 mm), 1.9 in. (48 mm), 2.8 in. (72 mm), and 3.8 in. (96 mm)
	Core Size (ID): 3 in. (76.2 mm)
	Lengths: 60 yds. (55 m)

Application Techniques An extensive line of application equipment including hand-held manual dispensers, stationary definite-length dispensers, and an automatic L-Clip applicator is available. Application of Scotch® Filament Tape 8919 is most easily accomplished at room temperature. At lower temperatures, approaching 32°F (0°C), the adhesive becomes firm. Once applied, Scotch® Tape 8919 performs well throughout the normal temperature ranges typically encountered by packaged products in shipping and storage environments.

Storage Conditions Store behind present stock. Store in a clean, dry place. Temperature of 40-80°F (4-26°C) and 40-50% relative humidity are recommended. Rotate your stock.

Precautionary Information Refer to Product Label and Material Safety Data Sheet for health and safety information before using this product. For additional health and safety information, call 1-800-364-3577 or (651) 737-6501.

For Additional Information To request additional product information or to arrange for sales assistance, call toll free 1-800-362-3550 or visit www.3M.com/packaging. Address correspondence to: 3M Industrial Adhesives and Tapes Division, Building 21-1W-10, 900 Bush Avenue, St. Paul, MN 55106. Our fax number is 651-733-9175. In Canada, phone: 1-800-364-3577. In Puerto Rico, phone: 1-787-750-3000. In Mexico, phone: 52-70-04-00.

Important Notice 3M MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's application. Please remember that many factors can affect the use and performance of a 3M product in a particular application. The materials to be bonded with the product, the surface preparation of those materials, the product selected for use, the conditions in which the product is used, and the time and environmental conditions in which the product is expected to perform are among the many factors that can affect the use and performance of a 3M product. Given the variety of factors that can affect the use and performance of a 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's application.

Limitation of Remedies and Liability If the 3M product is proved to be defective, THE EXCLUSIVE REMEDY, AT 3M'S OPTION, SHALL BE TO REFUND THE PURCHASE PRICE OF OR TO REPAIR OR REPLACE THE DEFECTIVE 3M PRODUCT. 3M shall not otherwise be liable for loss or damages, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted, including, but not limited to, contract, negligence, warranty, or strict liability.



This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9002 standards.



**Industrial Business
Industrial Adhesives and Tapes Division**
3M Center, Building 21-1W-10, 900 Bush Avenue
St. Paul, MN 55106



Recycled Paper
40% pre-consumer
10% post-consumer

Printed in U.S.A.
©3M 2003 70-0710-0219-3 (2/03)