

Scotch® Filament Tape 8988



Technical Data

June, 2009

Product Description

Scotch® Filament Tape 8988 is a high-performance, packaging tape reinforced with continuous glass yarn filaments, which give the tape very high tensile strength. The adhesive is a very aggressive packaging adhesive, specially formulated to meet the high demands of sealing corrugated cartons, including those with high recycled content as used in today's packing materials.

Construction

Backing	Adhesive	Reinforcement	Backing Color
3M™ Scotchpro™ film	Pressure sensitive synthetic 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:	75 oz./in. width (82 N/100 mm width)	D-3330
Tensile Strength:	380 lbs./in. width (6655 N/100 mm width)	D-3759
Elongation at Break:	3%	D-3759
Total Thickness:	6.9 mil (0.175 mm)	D-3652

Features

- 3M™ Scotchpro™ film backing provides excellent abrasion and moisture resistance.
- Balanced adhesive characteristics.
- High shear adhesion.
- Exceptional initial adhesion.
- Excellent aging and long-term holding power.
- Tough film backing protects the filaments and adhesive to provide longer functional tape performance.
- Good handling characteristics, saves time through ease of dispensing and tape application.
- When printed, the tape provides advertising, warning, and labeling capability to be seen through the tape.
- High tensile strength combined with low stretch allows the use of less tape in many applications and lowers the cost per application.
- Good clarity of artwork and important messages even when covered by the tape.
- Good holding under wide range of application conditions with minimum amount of tape.
- Holds instantly with minimum rubdown.
- Boxes remain securely closed through normal warehouse time cycles.

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Available Sizes	Available Widths	Available Lengths
	Standard Widths: 12 mm (.47 in.), 18 mm (.71 in.), 24 mm (.94 in.), 36 mm (1.4 in.), and 48 mm (1.9 in.)	55 m (60 yds.)
	12 mm (.47 in.), 15 mm (.59 in.), 18 mm (.71 in.)	330 m (361 yds.)
Core Size (ID):	3 in. (76.2 mm)	

Application Techniques An extensive line of application equipment including hand held manual dispensers and an automatic L-Clip applicator, the S857, is available. Application of Scotch® Filament Tape 8988 is most easily accomplished at room temperature. At colder temperatures, approaching 32°F (0°C), the adhesive becomes firm. Once applied, Scotch® Tape 8988 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.

Shelf Life To obtain best performance, use this product within 18 months from date of manufacture.

Technical Information The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

Product Use Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

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