Scotch[®] Filament Tape

3M

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Technical Data Ju	ly, 2009
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Product Description

Scotch® Filament Tape 898 is a high-performance transparent packaging tape reinforced along its length with continuous glass-yarn filaments, which give the tape very high tensile strength. The transparent 3MTM ScotchproTM backing provides excellent abrasion, moisture and scuff resistance. The adhesive is an aggressive packaging adhesive specifically formulated to provide balanced performance having both high adhesion and long term holding power.

Construction	Backing	Adhesive	Reinforcement	Backing Color
	3M™ Scotchpro™ film	Pressure sensitive synthetic rubber resin	Glass yarn	Clear
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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 (77 N/100 mm width)	D-3330
Tensile Strength:	380 lbs./in. width (6650 N/100 mm width)	D-3759
Elongation at Break:	5%	D-3759
Total Thickness:	6.6 mil (0.17 mm)	D-3652

Features

- Meets ASTM D5330, Type II (replaces PPP-T-97E and CID A-A-1686A).
- Abrasion and moisture resistant.
- · Good handling.
- High tensile strength.
- Allows printing and illustrations to be seen through the tape.
- High shear and great initial adhesion.
- Excellent aging.
- Good protection of filaments and adhesive to provide longer package life.
- Assures maximum package performance for limited outdoor use.

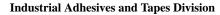
- Saves time through ease of dispensing and handling when used with a 3M dispenser.
- Provides advertising and warning capability when printed.
- Low unit costs by using less tape on applications where high tensile strength is one of the main requirements.
- Good holding, with minimum amount of tape, under a wide range of application conditions.
- Holds instantly with minimum rubdown.
- Boxes remain securely closed through normal warehouse time cycles.

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898

Available Sizes	Available Widths		Available Lengths	
	Standard Widths:	.24 in. (6 mm), .35 in. (9 mm), .47 in. (12 mm), .59 in. (15 mm), .71 in. (18 mm), .94 in. (24 mm), 1.4 in. (36 mm), 1.9 in. (48 mm), and 2.8 in. (72 mm)	60 yds. (55 m)	
		.47 in. (12 mm), .59 in. (15 mm), and .71 in. (18 mm)	360 yds. (330 m)	
	Core Size (ID):	3 in. (76.2 mm)		
Application Techniques	and an automati of Scotch® Filar At colder tempe applied, Scotch®	ne of application equipment including hand-held in L-Clip applicator, the 3M-Matic TM S867, is avainent Tape 898 is most easily accomplished at rooteratures, approaching 32°F (0°C), the adhesive be Tape 898 performs well throughout the normal intered by packaged products in shipping and storage	ilable. Application m temperature. comes firm. Once temperature ranges	
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.			
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		(SO 9001:2000)		
	This Industrial Adhesives	and Tapes Division product was manufactured under a 3M quality system register	ed to ISO 9001:2000 standards.	





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