



Filament Tape

898

Technical Information

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 Scotchpar™ 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.

Product Features

- * Scotchpar™ backing
- * Glass reinforcement
- * Transparent
- * Balanced adhesive characteristics
- * Meets ASTM D5330, Type II (replaces PPP-T-97E and CID A-A-1686A)

Product Advantages

- * Abrasion-resistant
- * Moisture-resistant
- * Good handling
- * Printable by the Print Seal process
- * High tensile strength
- * Allows printing and illustrations to be seen through the tape
- * High shear adhesion
- * Good initial adhesion
- * Excellent aging

Product Benefits

- * 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

Scotch® Filament Tape 898 is produced in an ISO 9002 registered manufacturing facility.

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Construction

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

Typical Physical Properties (Not recommended for specification purposes)

Derived from data developed as the product is manufactured

		<u>ASTM Test Method</u>
Adhesion to Steel:	50 oz./in. width (55 N/100 mm width)	D-3330
Tensile Strength:	380 lb./in. width (6650 N/100 mm width)	D-3759
Elongation at Break:	3%	D-3759
Total Thickness:	6 mil (0.15 mm)	D-3652

Available Widths

Available Lengths

Standard widths:	6 mm (0.24"), 9 mm (.35"), 12 mm (.47"), 18 mm (.71"), 24 mm (.94"), 36 mm (1.4"), 48 mm (1.9"), and 72 mm (2.8")	55 m (60 yards)
	12 mm (.47"), 15 mm (.59"), and 18 mm (.71")	330 m (360 yards)
Core size (ID):	3 inch (76.2 mm)	

Application

An extensive line of application equipment including hand-held manual dispensers and an automatic L-Clip applicator, the 3M-Matic™ S857, is available. Application of Scotch® Filament Tape 898 is most easily accomplished at room temperature. At colder temperatures, approaching 32°F, the adhesive becomes firm. Once applied, 898 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.

Technical Data: All physical properties, statements and recommendations are based either on tests we believe to be reliable or our experience, but they are not guaranteed. 3M recommends each user determine the suitability of the product for the intended use.

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