

893 Scotch™ Brand General Purpose Filament Tape

A general purpose transparent packaging tape reinforced with continuous glass yarn filaments which gives the tape 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

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

Product Benefits

- * Good protection of filaments and adhesive to provide longer package life
- * Saves time through ease of dispensing and handling when used with a 3M dispenser
- * Provides advertising and warning capability when printed
- * Low unit costs on applications where high tensile strength is one of the main requirements by using less tape
- * Good holding under a wide range of application conditions with minimum amount of tape
- * Holds instantly with minimum rubdown

Scotch™ Brand 893 is produced in an ISO 9002 certified 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:	40 oz./in. width (43 N/100 mm width)	D-3330
Tensile Strength:	300 lb./in. width (5250 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:	1/4", 3/8", 1/2", 3/4", 1", 1-1/2", 2"	60 yards (55 m)
Core size (ID):	3" (76.2 mm)	

Application

An extensive line of application equipment including hand held manual dispensers and an automatic L-Clip applicator is available. Application of #893 is most easily accomplished at room temperature. At colder temperatures, approaching 32°F, the adhesive becomes firm. Once applied, #893 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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