

Scotch® Filament Tape 890SR

Technical Data

January, 2016

Product Description

Scotch® Filament Tape 890SR is a high-performance transparent packaging tape reinforced with continuous glass yarn filaments, which give the tape an extremely high tensile strength. The polyester film 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 Construction

Backing	Adhesive	Reinforcement	Backing Color
Polyester 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:	70 oz./in. width (77 N/100 mm width)	D-3330
Tensile Strength:	680 lbs./in. width (11,909 N/100 mm width)	D-3759
Elongation at Break:	5%	D-3759
Total Thickness:	8.0 mil (0.203 mm)	D-3652

Features

- Abrasion and cut resistant.
- Advertising, and warnings are printable by the print seal process.
- High Tensile & Shear strength.
- Good initial adhesion when applied to many substrates.
- Good protection of filaments and adhesive to provide longer package life.
- Boxes remain securely closed through normal warehouse use.
- Excellent aging before and after application.
- Maximizes package performance when exposed to outdoor and humid environments.
- Saves time through ease of dispensing and handling versus glue and strapping.
- Low unit cost on applications where high tensile strength is main requirement by using less tape.
- Bundles multiple items into one unit.
- Helps prevent bird-caging and buckling of helically-wound armoring materials.
- Moisture resistant polyester film backing helps limit degradation from saltwater.

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Available Sizes	Standard Widths:	1.9 in. (48 mm), 2.4 (60 mm) [custom widths available]
	Core Size (ID):	3 in. (76.2 mm)
	Lengths:	60 yds. (55 m), 546 yds. (500 m) [custom widths available]
Application Techniques	An extensive line of application equipment including hand-held dispensers and an automatic L-Clip applicator is available. Application is most easily accomplished at room temperature. At lower temperatures, approaching 32°F (0°C), the adhesive becomes firm. Once applied, Scotch® Filament Tape 890SR performs well throughout the normal temperature ranges 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.	
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.	
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ISO 9001

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