

# Scotch® Filament Tape 890RCT

Technical Data

January, 2016

## Product Description

Scotch® Filament Tape 890RCT is a high-performance transparent filament tape reinforced along its length with continuous fiberglass-yarn filaments, which gives the tape a very high tensile strength. The clear polyester backing provides excellent abrasion, moisture and scuff resistance. The adhesive is a very aggressive packaging adhesive specifically formulated to meet the high demands of sealing corrugated cartons, including those with high recycled content as used in today's packaging materials.

## 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:	80 oz./in. width (88 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

- High tensile strength.
- High shear strength.
- Good initial adhesion to enhance bond strength to recycled board.
- Excellent aging before and after application.
- Excellent long-term holding power.
- 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 versus glue and strapping.
- Advertising, and warnings are printable by the print seal process.
- Good holding under a wide range of application conditions with minimum amount of tape.
- Boxes remain securely closed through normal warehouse time cycles.

# Scotch® Filament Tape

## 890RCT

<b>Available Sizes</b>	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]
<b>Application Techniques</b>	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 890RCT performs well throughout the normal temperature ranges encountered by packaged products in shipping and storage environments
<b>Storage Conditions</b>	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.
<b>Shelf Life</b>	To obtain best performance, use this product within 18 months from date of manufacture.
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ISO 9001

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Printed in U.S.A.  
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