

# Scotch® Filament Tape 898



Technical Data

May, 2003

## 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 3M™ Scotchpro™ 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

## 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:	75 oz./in. width (82 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.

# Scotch® Filament Tape

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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

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 (0°C), the adhesive becomes firm. Once applied, Scotch® Tape 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.

## For Additional Information

To request additional product information or to arrange for sales assistance, call toll free 1-800-362-3550 or visit [www.3M.com/packaging](http://www.3M.com/packaging). Address correspondence to: 3M Industrial Adhesives and Tapes Division, Building 21-1W-10, 900 Bush Avenue, St. Paul, MN 55144-1000. Our fax number is 651-778-4244. In Canada, phone: 1-800-364-3577. In Puerto Rico, phone: 1-787-750-3000. In Mexico, phone: 52-70-04-00.

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ISO 9002

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9002 standards.

# 3M

Industrial Business  
Industrial Adhesives and Tapes Division

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