

# Tartan™

## Utility Filament Tape

### 8934

Technical Data

June, 2003

#### Product Description

Tartan™ Utility Filament Tape 8934 is a glass filament reinforced tape for light duty strapping, bundling and reinforcing. It has a synthetic rubber resin adhesive with good adhesion to most fiberboard surfaces, and a variety of plastics and metal surfaces.

#### 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:	60 oz./in. width (65 N/100 mm width)	D-3330
Tensile Strength:	100 lbs./in. width (1750 N/100 mm width)	D-3759
Elongation at Break:	3%	D-3759
Total Thickness:	4 mil (0.11 mm)	D-3652

#### Features

- Abrasion and moisture resistant.
- High tensile strength.
- Allows printing and illustrations to be seen through the tape.
- Good shear and initial adhesion.
- Good aging.
- Protection of filaments and adhesive to provide longer package life.
- Less tape needed at lower cost for applications where high tensile strength is a main requirement.
- Good holding under wide range of application conditions with minimum amount of tape.
- Holds with minimum rub-down.
- Boxes remain closed for long period of time.

#### Available Sizes

Standard Widths: 9 mm, 12 mm, 18 mm, 24 mm, 36 mm, 48 mm, 72 mm

Core Size (ID): 3 in.

Lengths: 55 m

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**Application Techniques** An extensive line of hand-held tape dispensers is available. Application of Tartan™ Utility Filament Tape 8934 is most easily accomplished at room temperature. At lower temperatures approaching 32°F (0°C), the adhesive becomes firm. Once applied, Tartan tape 8934 performs well throughout the normal temperature ranges typically encountered by packaged products in shipping and storage environments.

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**Storage Conditions** Store in a clean, dry place. Temperature of 40-80°F (4-26°C) and 40 to 50% relative humidity are recommended. Rotate your stock.

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**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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