

# Tartan<sup>TM</sup>

## Utility Filament Tape

### 8934

#### Technical Data

June, 2003

#### Product Description

Tartan<sup>TM</sup> 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 <sup>TM</sup> Scotchpro <sup>TM</sup> 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                                           |

# Tartan™ Utility Filament Tape

8934

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| <b>Application Techniques</b> | 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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| <b>Storage Conditions</b> | 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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| <b>For Additional Information</b> | To request additional product information or to arrange for sales assistance, call toll free 1-800-362-3550 or visit <a href="http://www.3M.com/packaging">www.3M.com/packaging</a> . 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.



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Printed in U.S.A.  
©3M 2003 70-0710-0234-2 (6/03)