

TartanTM

Utility Filament Tape

8934

Technical Data

June, 2009

Product Description

TartanTM 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 TM Scotchpro TM 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.

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.

Shelf Life To obtain best performance, use this product within 18 months from date of manufacture.

Technical Information The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

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ISO 9001:2000

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2000 standards.

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