

Tartan™

Utility Filament Tape

8934

Technical Information

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 plastic and metal surfaces.

Product Features

- * Scotchpro™ Film
- * Glass Reinforcement
- * Translucent
- * Adhesive Characteristics

Product Advantages

- * Abrasion resistant
- * Moisture resistant
- * High tensile strength
- * Allows printing and illustrations to be seen through the tape
- * Good shear adhesion
- * Good initial adhesion
- * Good aging

Product Benefits

- * 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

Tartan™ Utility Filament Tape 8934 is produced in an ISO 9002 registered manufacturing facility

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Construction

Backing:	Scotchpro™ film
Adhesive:	Pressure sensitive synthetic rubber-resin
Reinforcement	Glass yarn
Backing Color:	Clear

Typical Physical Properties (Not recommended for specification purposes) (Derived from data developed as the tape is manufactured)

		<u>ASTM Test Method</u>
Adhesion to Steel:	60 oz./in. width (65 N/100 mm width)	D-3330
Tensile Strength:	100 lb./in. width (1750 N/100 mm width)	D-3759
Elongation at Break:	3 %	D-3759
Total Thickness	4 mil (0.11 mm)	D-3652

Available Widths

Available Lengths

Standard widths:	9 mm (.35"), 12 mm (.47"), 18 mm (.71"), 24 mm (.94"), 36 mm (1.4"), 48 mm (1.9"), and 72 mm (2.8")	55 m (60 yards)
Core size (ID):	3" (76.2 mm)	

Application

An extensive line of hand-held tape dispensers is available. Application of Tartan™ 8934 is most easily accomplished at room temperature. At lower temperatures approaching 0°C, the adhesive becomes firm. Once applied, Tartan™ 8934 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.

Technical Data: All physical properties, statements and recommendations are based either on tests we believe to be reliable or our experience, but they are not guaranteed. 3M recommends each user determine the suitability of the product for the intended use.

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