

June, 2015

## Tartan™ Utility Filament Tape 8934

### Product Description

Tartan™ 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.

### Product 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.



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## Technical Information Note

The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

## Typical Physical Properties

Property	Values		Method
Backing Color	Clear		
Total Tape Thickness	0.102 mm	4 mil	ASTM D3652
Backing	Polypropylene film		
Adhesive	Pressure sensitive synthetic rubber-resin		
Reinforcement	Glass Yarn		

## Typical Performance Characteristics

Peel Adhesion		
5.3 N/cm	53 N/100mm	48 oz/in

Property: Peel Adhesion  
Method: ASTM D3330  
Substrate: Stainless Steel

Tensile Strength		
175.1 N/cm	1751 N/100mm	100 lb/in

Property: Tensile Strength  
Method: ASTM D3759

## Elongation at Break: 3 %

Methods  
ASTM D3759

## Handling/Application Information

### Application Techniques

An extensive line of hand-held tape dispensers is available. Application of Tartan™ 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 and Shelf Life

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

## Information

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## Trademarks

Tartan is a trademark of 3M Company.

## References

### Safety Data Sheet (SDS)

[https://www.3m.com/3M/en\\_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en\\_US&co=ptn&q=8934](https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=8934)

## ISO Statement

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

