

# Tartan<sup>TM</sup>

## General Purpose Filament Tape

### 8932

Technical Data

January, 2011

#### Product Description

Tartan<sup>TM</sup> General Purpose Filament Tape 8932 has a clear polypropylene backing reinforced with glass yarn filaments for light-duty bundling, reinforcing, and pallet unitizing applications where nick and abrasion resistance are needed.

#### Construction

| Backing       | Adhesive                                  | Reinforcement | Backing Color |
|---------------|---|---------------|---------------|
| Polypropylene | 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:   | 50 oz./in. width (55 N/100 mm)    | D-3330           |
| Tensile Strength:    | 95 lbs./in. width (1662 N/100 mm) | D-3759           |
| Elongation at Break: | 4%                                | D-3759           |
| Total Thickness:     | 4.3 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, 48 mm |
| Core Size (ID):  | 3 in.                            |
| Length:          | 55 m                             |

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**Application Techniques** An extensive line of hand-held tape dispensers is available. Application of Tartan™ General Purpose Filament Tape 8932 is most easily accomplished at room temperature. At lower temperatures approaching 32°F (0°C), the adhesive becomes firm. Once applied, Tartan tape 8932 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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**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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