

# 3M Tartan™ Filament Tape 8953

## Product Data Sheet

May 2009  
Supersedes: New

**Product Description** A utility packaging tape reinforced with continuous glass filaments which give tensile strength to the tape. The ScotchPro™ polypropylene backing provides abrasion, moisture and scuff resistance. The adhesive is formulated to adhere adequately to fibreboard surfaces

**Key Features** An extensive line of application equipment is available, including automatic sealing equipment, hand held manual dispensers and semi-automatic L-Clip applicator. Application of 8953 is most easily accomplished at room temperature. Once applied, 8953 performs well throughout the normal temperature ranges typically encountered by packaged products in shipping and storage environments.

### Construction

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <b>Adhesive Type</b>                 | Synthetic rubber resin (solvent free) |
| <b>Backing</b>                       | ScotchPro™ polypropylene              |
| <b>Reinforcement</b>                 | Glass filament                        |
| <b>Total Thickness</b><br>AFERA 4006 | 100 microns (0.100 mm)                |
| <b>Core size (ID)</b>                | 76 mm (3")                            |
| <b>Colour</b>                        | Transparent                           |

### Performance Characteristics

|                                                  |          |
|--------------------------------------------------|----------|
| <b>Adhesion to Stainless Steel</b><br>AFERA 4001 | 5.5 N/cm |
| <b>Tensile Strength</b><br>AFERA 4004            | 250 N/cm |
| <b>Elongation at Break</b><br>AFERA 4005         | 10 %     |

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>                    | Store in clean dry place. Temperature of 21 °C and 50 percent relative humidity are recommended.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Shelf Life</b>                 | Scotch 8953 has a shelf life of 12 months from date of dispatch by 3M when stored in the original carton at 21°C (70°F) & 50 % Relative Humidity.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>For Additional Information</b> | To request additional product information see address below                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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