

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	<table><tr><td>Adhesive Type</td><td>Synthetic rubber resin (solvent free)</td></tr><tr><td>Backing</td><td>ScotchPro™ polypropylene</td></tr><tr><td>Reinforcement</td><td>Glass filament</td></tr><tr><td>Total Thickness AFERA 4006</td><td>100 microns (0.100 mm)</td></tr><tr><td>Core size (ID)</td><td>76 mm (3")</td></tr><tr><td>Colour</td><td>Transparent</td></tr></table>		Adhesive Type	Synthetic rubber resin (solvent free)	Backing	ScotchPro™ polypropylene	Reinforcement	Glass filament	Total Thickness AFERA 4006	100 microns (0.100 mm)	Core size (ID)	76 mm (3")	Colour	Transparent
Adhesive Type	Synthetic rubber resin (solvent free)													
Backing	ScotchPro™ polypropylene													
Reinforcement	Glass filament													
Total Thickness AFERA 4006	100 microns (0.100 mm)													
Core size (ID)	76 mm (3")													
Colour	Transparent													
Performance Characteristics	<table><tr><td>Adhesion to Stainless Steel AFERA 4001</td><td>5.5 N/cm</td></tr><tr><td>Tensile Strength AFERA 4004</td><td>250 N/cm</td></tr><tr><td>Elongation at Break AFERA 4005</td><td>10 %</td></tr></table>		Adhesion to Stainless Steel AFERA 4001	5.5 N/cm	Tensile Strength AFERA 4004	250 N/cm	Elongation at Break AFERA 4005	10 %						
Adhesion to Stainless Steel AFERA 4001	5.5 N/cm													
Tensile Strength AFERA 4004	250 N/cm													
Elongation at Break AFERA 4005	10 %													
Storage	Store in clean dry place. Temperature of 21 °C and 50 percent relative humidity are recommended.													
Shelf Life	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.													

For Additional Information

To request additional product information see address below

Important Notice

All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method or application. All questions of liability relating to this product are governed by the terms of the sale subject, where applicable, to the prevailing law

Values presented have been determined by standard test methods and are average values not to be used for specification purposes. Our recommendations on the use of our products are based on tests believed to be reliable but we would ask that you conduct your own tests to determine their suitability for your applications. This is because 3M cannot accept any responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations

M is a trademark of the 3M Company.

3M United Kingdom PLC 3M House, 28 Great Jackson Street, Manchester, M15 4PA	Product Information : Tel 0870 60 800 50 Fax 0870 60 700 99	3M Ireland Limited The Iveagh Building The Park, Carrickmines Dublin 18, Ireland	Customer Service : Tel (01) 280 3555 Fax (01) 280 3509
--	---	--	--