

ScotchÒ

General Purpose Filament Reinforced Tape - Cross-Weave 8959

Product Data Sheet

Updated : July 2000
Supersedes : February 1999

Product Description

8959 is a general purpose tape reinforced with two-directional (cross weave) glass filaments.

The Scotchpro™ polypropylene backing provides excellent abrasion, moisture and scuff resistance. The adhesive is specially formulated to provide good adhesion to fibreboard surfaces.

Physical Properties

Not for specification purposes

Adhesive Type	Pressure Sensitive Hot Melt Solvent Free (Synthetic Rubber Resin)
Backing	Scotchpro™ Polypropylene
Reinforcement	Glass Filament
Total Thickness	145 micron
Colour	Transparent
Storage Conditions	Store behind present stock, in a clean dry place. Temperature of 64 - 70°F (18-21°C) & 40-50% Relative Humidity are recommended. Under correct storage conditions the tape maintains its characteristics for one year (shelf life). Rotate your stock.

Application

An extensive line of application equipment including hand held manual dispensers and semi-automatic L-Clip applicator.

Application of 8959 is most easily accomplished at room temperature. At colder temperatures, approaching 32°F (0°C), the adhesive becomes more firm.

Once applied, 8959 performs well throughout the normal temperature ranges typically encountered by packaged products in shipping and storage environments.

Date : July 2000
 Scotch® General Purpose
 Filament Reinforced Tape
 Cross-Weave 8959

Performance Characteristics
 Not for specification purposes

Adhesion to Steel AFERA 4001	8.0 N/10 mm
Tensile Strength AFERA 4004	300 N/10mm
Elongation at Break AFERA 4005	10 %
Static Shear	4,500+ minutes

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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.



Tapes & Adhesives

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Scotch™ Filament Tape 8959

Product Data Sheet

October 2009
Supersedes: December 2003

Product Description 8959 is a general purpose tape reinforced with two directional (cross weave) glass filaments.

Key Features The ScotchPro™ polypropylene backing provides excellent abrasion, moisture and scuff resistance. The adhesive is specially formulated to provide good adhesion to fiberboard surfaces.

Construction

Adhesive Type	Synthetic Rubber Resin (Hot Melt)
Backing	BOPP
Reinforcement	Glass Yarns
Total Thickness AFERA 5006	130 µm
Core size (ID)	76 mm (3")
Colour	Transparent

Performance Characteristics

Adhesion to Stainless Steel AFERA 5001	9,0 N/cm
Tensile Strength AFERA 5004	280 N/cm
Elongation at Break AFERA 5004	6 %
Static Shear AFERA 5012	2000+ minutes

Storage	Store in clean dry place. Temperature of 21 °C and 50 % relative humidity are recommended.
Shelf Life	Scotch 8959 has a shelf life of 12 months from date of dispatch by 3M.
Precautionary Information	Refer to product label and Material Safety Data Sheet for health and safety information before using the product. For information please contact your local 3M Office. www.3M.com
For Additional Information	To request additional product information see address below
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