

# Scotch®

## General Purpose Filament Reinforced Tape - Cross-Weave 8959

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### Product Data Sheet

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Updated : July 2000  
Supersedes : February 1999

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#### 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.

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#### Physical Properties

Not for specification purposes

<b>Adhesive Type</b>	Pressure Sensitive Hot Melt Solvent Free (Synthetic Rubber Resin)
<b>Backing</b>	Scotchpro™ Polypropylene
<b>Reinforcement</b>	Glass Filament
<b>Total Thickness</b>	145 micron
<b>Colour</b>	Transparent
<b>Storage Conditions</b>	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.

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#### 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.

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 Scotch® General Purpose  
 Filament Reinforced Tape  
 Cross-Weave 8959

**Performance Characteristics**  
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<b>Adhesion to Steel</b> AFERA 4001	8.0 N/10 mm
<b>Tensile Strength</b> AFERA 4004	300 N/10mm
<b>Elongation at Break</b> AFERA 4005	10 %
<b>Static Shear</b>	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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