



# Scotchâ Tape 3739

## Performance Box Sealing Tape

**Manufactured in an ISO 9002 certified facility**

Updated : June 2000  
Supersedes : February 1999

**Product Description** 3739 is a performance box sealing tape with a bi-axially orientated polypropylene film backing and hot melt solvent free (synthetic rubber/resin) adhesive. The ScotchPro™ polypropylene backing resists splitting when subjected to rough handling and absorbs impact shock. The adhesive is specifically formulated to provide high initial tack and shear adhesion to fibreboard.

**Physical Properties**  
Not for specification purposes

<b>Adhesive Type</b>	Pressure sensitive hot melt solvent free (synthetic rubber/resin)	
<b>Backing</b>	35 micron (0.035 mm) bi-axially oriented ScotchPro™ polypropylene	
<b>Total Thickness</b>	56 microns (0.056 mm)	AFERA 4006
<b>Colour</b>	Transparent, white, tan	
<b>Available Widths</b>	Contact your local sales office	<b>Available Lengths</b> Contact your local sales office
<b>Core Size (ID)</b>	76mm (3")	
<b>Storage Conditions</b>	Store behind present stock, in a clean dry place. Temperature of 18-21°C (64 - 70°F) & 40-50% Relative Humidity are recommended. Rotate your stock. Under correct storage conditions the tape maintains its characteristics for one year (shelf life).	

**Performance Characteristics**  
Not for specification purposes

<b>Adhesion to Stainless Steel</b>	4.5 N/cm	AFERA 4001
<b>Tensile Strength</b>	60.0 N/cm	AFERA 4004
<b>Elongation at Break</b>	150 %	AFERA 4005
<b>Static Shear</b>	4,500 + minutes	AFERA 4012
<b>Application</b>	Best applied at room temperature onto a clean, dry, dust-free fibreboard surface. Once applied the product performs well throughout all temperatures typically encountered by packaged products in shipping and storage environments - including deep freeze.	

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Box Sealing Tape

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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.



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