

ScotchÒ

Performance BOPP Box Sealing Tape 3739

Product Data Sheet

Updated : July 2000

Supersedes : June 1998

Product Description

3739 is a performance box sealing tape with a high strength polypropylene film backing and hot melt synthetic rubber-resin adhesive.

Applications

Mainly used for single strip closure of fibreboard boxes, re-sealing and packaging of heavy weight of valuable goods. Ideally, # 3739 is best applied at room temperature and onto clean dry dust free fibreboard surfaces. Once applied, this product performs well throughout all temperatures typically encountered by packaged products in shipping and storage environments

Physical Properties

Not for specification purposes

Adhesive Type	Hot-melt Synthetic Rubber Resin
Backing	35 micron Bi-axially Oriented Polypropylene Film
Total Thickness	56 micron
Colour	Transparent, White, Brown
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).

Recommended Dispensers

Hand Held : H-180E, H-183, H-150 Low Noise

Automatic Case Sealers : Suitable for complete range of 3M-Matic Case Sealers

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 Scotch® Performance BOPP
 Box Sealing Tape 3739

Performance Characteristics
 Not for specification purposes

Adhesion to Steel	4.5 N/10 mm
Tensile Strength at Break	60 N/10mm
Elongation at Break AFERA 4005	150 %
Static Shear	4,500+ minutes

**Features/Advantages/
Benefits**

Features

Advantages

Benefits

Bi-axially Oriented
 Polypropylene Film Backing

Resists splitting when
 subjected to rough handling
 and absorbs impact shock

Reduces failures in box
 sealing applications. Helps
 assure safe delivery of
 product.

High Impact Strength

Withstands normal
 shipping conditions

Hot-melt Synthetic Rubber
 Resin Adhesive

No dwell time necessary,
 adheres immediately

Fast to apply, saves time

High initial shear adhesion
 to fibreboard surfaces

Helps reduce failures in box
 sealing and package
 closure applications

Machine Length Rolls

Fewer roll changes on
 application equipment

Increased production rate
 for lower unit cost

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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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