Scotch®
Superior Performance Box Sealing Tape
375

Technical Data **January, 2011**

Product Description

Scotch® Box Sealing Tape 375 is a superior performance packaging tape used for box sealing, splicing, recooperage and other demanding packaging applications. This product has the strongest conformable backing and the most consistent pressure sensitive hot melt adhesive system available. This time proven construction assures superior performance in a wide range of environments and applications.

Construction

Backing	Adhesive	Colors
Biaxially oriented polypropylene film	Pressure sensitive hot melt rubber-resin	Clear and Tan

Typical Physical Properties

Note: The following technical information and data should be considered representative or typical only, and should not be used for specification purposes.

		ASTM Test Method
Adhesion to Steel:	55 oz./in. width (60 N/100 mm width)	D-3330
Tensile Strength:		
Machine Direction:	35 lbs./in. width (613 N/100 mm width)	D-3759
Cross Direction:	70 lbs./in. width (1226 N/100 mm width)	D-3759
Elongation at Break:	160%	D-3759
Thickness - Backing:	2.0 mil (0.051 mm)	D-3652
Total:	3.1 mil (0.079 mm)	D-3652
Holding Power to Fiberboard:	12,000 + minutes	D-3654

Features

- Pressure sensitive hot melt rubber-resin adhesive.
- Meets CID A-A-1684B and ASTM D5486 Type III.
- Considered water-resistant as per ASTM D5570.
- Adheres instantly to most surfaces including cartons containing high levels of recycled content.
- The strongest conformable backing with the highest edge tear and split resistance.
- Superior performance ensures reliable closures.
- Meets FDA requirements for indirect food contact.

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Available Sizes

Standard Widths:	36 mm, 48 mm, 72 mm
Core Size (ID):	3 in.
Lengths:	50 m, 914 m, 1500 m

Application Techniques

An extensive line of application equipment including hand held manual dispensers and semi-automatic and fully automatic equipment is available. Application of Scotch® Superior Performance Box Sealing Tape 375 is most easily accomplished at room temperature. At colder temperatures, approaching 32°F (0°C), the adhesive becomes more firm. Once applied, Scotch® Tape 375 performs well throughout the normal temperature ranges typically encountered by packaged products in shipping and storage requirements.

Storage Conditions

Store in a clean, dry place. Temperature of 40-80°F (4-26°C) and 40 to 50% relative humidity are recommended.

Shelf Life

To obtain best performance, use this product within 18 months from date of manufacture.

Technical Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

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ISO 9001:2008

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2008 standards.

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