

Scotch[®] Superior Performance Box Sealing Tape



375

Technical Data

January, 2003

Product Description

Scotch[®] Box Sealing Tape 375 is a superior performance packaging tape used for box sealing, splicing, re-cooperage 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 3M [™] Scotchpro [™] 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.
- 3M[™] Scotchpro[™] biaxially oriented polypropylene backing.
- 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.
- Complies with the environmental considerations of ASTM D 1974-92.
- Superior performance ensures reliable closures.

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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.

Precautionary Information Refer to Product Label and Material Safety Data Sheet for health and safety information before using this product. For additional health and safety information, call 1-800-364-3577 or (651) 737-6501.

For Additional Information To request additional product information or to arrange for sales assistance, call toll free 1-800-362-3550 or visit www.3M.com/packaging. Address correspondence to: 3M Industrial Adhesives and Tapes Division, Building 21-1W-10, 900 Bush Avenue, St. Paul, MN 55106. Our fax number is 651-733-9175. In Canada, phone: 1-800-364-3577. In Puerto Rico, phone: 1-787-750-3000. In Mexico, phone: 52-70-04-00.

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This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9002 standards.



**Industrial Business
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