

Performance Box Sealing Tape

372

Technical Data

April, 2006

Product Description

Scotch® Box Sealing Tape 372 is a performance packaging tape used for box sealing, splicing, recoopage and other demanding packaging applications. This product has a strong, conformable backing and a consistent pressure sensitive hot melt adhesive system. This time proven construction assures a reliable 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:	45 oz./in. width (49 N/100 mm width)	D-3330
Tensile Strength:		
Machine Direction:	26 lbs./in. width (455 N/100 mm width)	D-3759
Cross Direction:	52 lbs./in. width (910 N/100 mm width)	D-3759
Elongation at Break:	160%	D-3759
Thickness - Backing:	1.4 mil (0.035 mm)	D-3652
Total:	2.2 mil (0.056 mm)	D-3652
Holding Power to Fiberboard:	6,000 + minutes	D-3654

Features

- Pressure sensitive hot melt rubber-resin adhesive.
- Adheres instantly to most surfaces including cartons containing various levels of recycled content.
- Strong, conformable backing with the high edge tear and split resistance.
- Complies with the environmental considerations of ASTM D 1974-92.
- Performance ensures reliable closures.

Available Sizes

Standard Widths:	42 mm, 48 mm, 60 mm, 72 mm Custom widths available upon request.
Core Size (ID):	3 in.
Lengths:	50 m, 411 m, 914 m

Scotch® Performance Box Sealing Tape

372

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® Box Sealing Tape 372 is most easily accomplished at room temperature. At colder temperatures, approaching 32°F (0°C), the adhesive becomes more firm. Once applied, Scotch® Tape 372 performs well throughout the normal temperature ranges typically encountered by packaged products in shipping and storage environments.

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

Product Use All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

Warranty and Limited Remedy Unless stated otherwise in 3M's product literature, packaging inserts or product packaging for individual products, 3M warrants that each 3M product meets the applicable specifications at the time 3M ships the product. Individual products may have additional or different warranties as stated on product literature, package inserts or product packages. 3M MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's application. If the 3M product is defective within the warranty period, your exclusive remedy and 3M's and seller's sole obligation will be, at 3M's option, to replace the product or refund the purchase price.

Limitation of Liability Except where prohibited by law, 3M and seller will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.

ISO 9001:2000

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2000 standards.

3M

**Industrial Business
Industrial Adhesives and Tapes Division**

3M Center, Building 21-1W-10, 900 Bush Avenue
St. Paul, MN 55144-1000
800-362-3550 • 877-369-2923 (fax)
www.3M.com/industrial



Recycled Paper
40% pre-consumer
10% post-consumer

Printed in U.S.A.
©3M 2006 70-0710-0218-5 (4/06)