

Scotch[®]

Superior Performance

Box Sealing Tape

375



Technical Data

April, 2006

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

Biaxially oriented 3M[™] Scotchpro[™] polypropylene film

Adhesive

Pressure sensitive hot melt rubber-resin

Colors

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.

Scotch® Superior Performance Box Sealing Tape

375

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.
--------------------	---

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.



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 70-0710-0201-1 (4/06)