

Scotch® High Performance Printed Box Sealing Tape



3732 • 3734

Technical Data

April, 2003

Product Description

Scotch® Box Sealing Tape 3732 and 3734 is a high performance packaging tape used for box sealing, splicing, recoupage, and other demanding packaging applications. This product has a heavy-duty, conformable backing and the most consistent pressure sensitive hot melt adhesive system available. Scotch® Tape 3732 prominently exhibits a random printed message: IF SEAL IS BROKEN CHECK CONTENTS BEFORE ACCEPTING. Scotch® Tape 3734 prominently exhibits a random printed message: FRAGILE HANDLE WITH CARE.

Construction

Backing	Adhesive	Colors
Biaxially oriented 3M™ Scotchpro™ polypropylene film	Pressure sensitive hot melt rubber-resin	Tan with red printed message

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:	50 oz./in. width (55 N/100 mm width)	D-3330
Tensile Strength:		
Machine Direction:	30 lbs./in. width (525 N/100 mm width)	D-3759
Cross Direction:	60 lbs./in. width (1050 N/100 mm width)	D-3759
Elongation at Break:	160%	D-3759
Thickness - Backing:	1.6 mil (0.041 mm)	D-3652
Total:	2.5 mil (0.064 mm)	D-3652
Holding Power to Fiberboard:	8,000 + minutes	D-3654

Features

- Adheres instantly to a wide variety of surfaces.
- High edge tear and split resistance.
- Communicates the need for careful package inspection prior to acceptance.
- Complies with the environmental considerations of ASTM D 1974-92.
- High performance ensures reliable closures.
- Reduction to merchandise lost through pilferage.
- Reliable closures reduce damaged goods during shipment.

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Available Sizes

Standard Widths:	48 mm Custom widths available upon request.
Core Size (ID):	3 in.
Lengths:	50 m, 914 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® Box Sealing Tape 3732 and 3734 is most easily accomplished at room temperature. At colder temperatures, approaching 32°F (0°C), the adhesive becomes more firm. Once applied, these tapes perform well throughout the normal temperature range 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.

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 55144-1000. Our fax number is 651-778-4244. 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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ISO 9002

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

3M

Industrial Business
Industrial Adhesives and Tapes Division
3M Center, Building 21-1W-10, 900 Bush Avenue
St. Paul, MN 55144-1000



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