

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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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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