

Scotch® Superior Performance Box Sealing Tape



355

Technical Data

February, 2003

Product Description Scotch® Box Sealing Tape 355 is a superior performance packaging tape used for box sealing, splicing, recooperage and other demanding packaging applications. This product has a strong abrasion resistant backing and a very consistent pressure sensitive hot melt adhesive system available. This time proven construction assures high performance in a wide range of environments and applications.

| Construction | Backing | Adhesive | Colors |
|--------------|--|--|---------------|
| | Biaxially oriented 3M™ Scotchpar™ polyester 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: | 78 oz./in. width (85 N/100 mm width) | D-3330 |
| Tensile Strength: | | |
| Machine Direction: | 67 lbs./in. width (1174 N/100 mm width) | D-3759 |
| Cross Direction: | 69 lbs./in. width (1208 N/100 mm width) | D-3759 |
| Elongation at Break: | 130% | D-3759 |
| Thickness - Backing: | 2.0 mil (0.051 mm) | D-3652 |
| Total: | 3.43 mil (0.09 mm) | D-3652 |
| Holding Power to Fiberboard: | 12,000 + minutes | D-3654 |

Features

- Pressure sensitive hot melt rubber-resin adhesive.
- Meets ASTM D5486 Type II.
- Considered water resistant as per ASTM D5570.
- Adheres instantly to most surfaces, including cartons containing high levels of recycled content.
- Strong abrasion resistant backing with high edge tear and split resistance.
- Complies with the environmental considerations of ASTM D 1974.
- Superior performance ensures reliable closures.

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|------------------------|--|
| Available Sizes | Standard Widths: 36 mm, 48 mm, 72 mm Imperial widths (1½ in., 2 in., 3 in.) and lengths (60 yds., 1000 yds.) are available. Custom widths available upon request. |
| | Core Size (ID): 3 in. |
| | Lengths: 50 m and 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 355 is most easily accomplished at room temperature. At colder temperatures, approaching 32°F (0°C), the adhesive becomes more firm. Once applied, Scotch® Tape 355 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.

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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