

Scotch[®] Industrial Box Sealing Tape 371



Technical Data

January, 2011

Product Description

Scotch[®] Box Sealing Tape 371 is an industrial packaging tape used for box sealing, splicing, recoupage and other packaging applications. This product has a conformable backing and a consistent pressure sensitive hot melt synthetic rubber adhesive system.

Construction

| Backing | Adhesive | Colors |
|----------------------------------|--|---|
| Biaxially oriented polypropylene | Pressure sensitive hot melt rubber-resin | Blue, clear, green, orange, red, tan, yellow, and white |

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 (49.2 N/100 mm width) | D-3330 |
| Tensile Strength: | | |
| Machine Direction: | 22 lbs./in. width (385 N/100 mm width) | D-3759 |
| Cross Direction: | 44 lbs./in. width (771 N/100 mm width) | D-3759 |
| Elongation at Break: | 160% | D-3759 |
| Tape Thickness: | 1.9 mil (0.048 mm) | D-3652 |
| Holding Power: | 3,500+ minutes | D-3654 |

Features

- Adheres instantly to a variety of surfaces.
- Edge tear and split resistance.
- Good adhesion to fiberboard.
- Roll to roll consistency increases productivity for improved unit costs.
- Meets FDA requirements for indirect food contact.

Available Sizes

| | |
|------------------|------------------------------------|
| Standard Widths: | 36 mm, 42 mm, 48 mm, 72 mm |
| Core Size (ID): | 3 in. |
| Lengths: | 50 m, 100 m, 914 m, 1500 m, 1828 m |

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371

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 371 is most easily accomplished at room temperature. At colder temperatures, approaching 32°F (0°C), the adhesive becomes more firm. Once applied, Scotch® Tape 371 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.

Shelf Life To obtain best performance, use this product within 18 months from date of manufacture.

Technical Information The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

Product Use Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

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ISO 9001:2008

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2008 standards.



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