

Scotch®



Performance Box Sealing Tape

372

Technical Data

January, 2011

Product Description

Scotch® Box Sealing Tape 372 is a performance packaging tape used for box sealing, splicing, re-cooperation and other demanding packaging applications. This product has a strong, conformable backing and a consistent pressure sensitive hot melt adhesive system. This time proven construction assures a reliable performance in a wide range of environments and applications.

Construction

| Backing | Adhesive | Colors |
|---------------------------------------|--|---------------|
| Biaxially oriented polypropylene 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: | 45 oz./in. width (49 N/100 mm width) | D-3330 |
| Tensile Strength: | | |
| Machine Direction: | 26 lbs./in. width (455 N/100 mm width) | D-3759 |
| Cross Direction: | 52 lbs./in. width (910 N/100 mm width) | D-3759 |
| Elongation at Break: | 160% | D-3759 |
| Thickness - Backing: | 1.4 mil (0.035 mm) | D-3652 |
| Total: | 2.2 mil (0.056 mm) | D-3652 |
| Holding Power to Fiberboard: | 6,000 + minutes | D-3654 |

Features

- Pressure sensitive hot melt rubber-resin adhesive.
- Adheres instantly to most surfaces including cartons containing various levels of recycled content.
- Strong, conformable backing with the high edge tear and split resistance.
- Performance ensures reliable closures.

Available Sizes

| | |
|------------------|---|
| Standard Widths: | 42 mm, 48 mm, 60 mm, 72 mm Custom widths available upon request. |
| Core Size (ID): | 3 in. |
| Lengths: | 50 m, 411 m, 914 m |

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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 372 is most easily accomplished at room temperature. At colder temperatures, approaching 32°F (0°C), the adhesive becomes more firm. Once applied, Scotch® Tape 372 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.

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ISO 9001:2008

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