

# Scotch® High Performance Box Sealing Tape 373



## Technical Data

January, 2011

### Product Description

Scotch® Box Sealing Tape 373 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. This time proven construction assures high performance in a wide range of environments and applications.

### Construction

#### Backing

Biaxially oriented polypropylene film

#### Adhesive

Pressure sensitive hot melt rubber-resin

#### Colors

Blue, clear, green, orange, red, tan, white, and yellow

### 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

- Meets CID A-A-1684B.
- Adheres instantly to most surfaces including cartons containing high levels of recycled content.
- Heavy duty, conformable backing with higher edge tear and split resistance.
- Meets FDA requirements for indirect food contact.

### Available Sizes

|                  |                                                                            |
|------------------|----------------------------------------------------------------------------|
| Standard Widths: | 36 mm, 42 mm, 48 mm, 60 mm, 72 mm<br>Custom widths available upon request. |
| Core Size (ID):  | 3 in.                                                                      |
| Lengths:         | 50 m, 411 m, 914 m, 1500 m                                                 |

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373

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|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Application Techniques</b>                   | 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 373 is most easily accomplished at room temperature. At colder temperatures, approaching 32°F (0°C), the adhesive becomes more firm. Once applied, Scotch® Tape 373 performs well throughout the normal temperature ranges typically encountered by packaged products in shipping and storage environments.                                                                                                                                                                                                       |
| <b>Storage Conditions</b>                       | Store in a clean, dry place. Temperature of 40-80°F (4-26°C) and 40 to 50% relative humidity are recommended.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Shelf Life</b>                               | To obtain best performance, use this product within 18 months from date of manufacture.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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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.



## Industrial Adhesives and Tapes Division

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40% pre-consumer  
10% post-consumer

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