

# Scotch® Government Certification Box Sealing Tape



## 351

Technical Data

January, 2011

### Product Description

Scotch® Box Sealing Tape 351 is a superior performance packaging tape used for box sealing, splicing, recoupage and other demanding government 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 superior performance in a wide range of environments and applications.

### Construction

| Backing                           | Adhesive                                 | Color |
|-----------------------------------|--|-------|
| Biaxially oriented polyester film | Pressure sensitive hot melt rubber-resin | Clear |

### 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 (60 N/100 mm width)    | D-3330           |
| Tensile Strength:            |   |                  |
| Machine Direction:           | 67 lbs./in. width (788 N/100 mm width)  | D-3759           |
| Cross Direction:             | 69 lbs./in. width (1138 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 (0.089 mm)                     | D-3652           |
| Holding Power to Fiberboard: | 14,000 + minutes                        | D-3654           |

### Features

- Pressure sensitive hot melt rubber-resin adhesive.
- Adheres instantly to most surfaces including cartons containing high levels of recycled content.
- Strong, abrasion resistant backing with high edge tear and split resistance.
- Meets Fed. Spec. PPP-T-60E, Amend. 2, Type III, Class 2 (clear), CID A-A-1830B (clear), ASTM D5486 Type 1 & 2.
- Superior performance ensures reliable closures.

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|                        |                  |  |
|------------------------|------------------|--|
| <b>Available Sizes</b> | Standard Widths: | 36 mm, 48 mm, 72 mm<br>Custom widths available upon request. |
|                        | Core Size (ID):  | 3 in.  |
|                        | Length:          | 50 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 351 is most easily accomplished at room temperature. At colder temperatures, approaching 32°F (0°C), the adhesive becomes more firm. Once applied, Scotch® Tape 351 performs well throughout the normal temperature ranges typically encountered by packaged products in shipping and storage environments.

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**Storage Conditions** Store in a clean, dry place. Temperature of 40-80°F (4-26°C) and 40 to 50% relative humidity are recommended.

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

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**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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