

Scotch® Box Sealing Tape 311



Technical Data

April, 2006

Product Description

Scotch® Box Sealing Tape 311 is a general purpose box sealing tape designed specifically for utility type applications on light to medium weight boxes. The product offers good performance over broad temperature ranges; specifically in colder and damper applications; and adheres to recycled fiberboard.

Construction

Backing

Biaxially oriented
polypropylene film

Adhesive

Pressure sensitive acrylic. Requires no
moisture, heat or solvent for activation.

Colors

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:	22 oz./in. width (24 N/100 mm width)	D-3330
Tensile Strength:		
Machine Direction:	25 lbs./in. width (438 N/100 mm width)	D-3759
Cross Direction:	40 lbs./in. width (700 N/100 mm width)	D-3759
Elongation at Break:	125%	D-3759
Thickness - Backing:	1.1 mil (0.028 mm) nominal	D-3652
Total:	2.05 mil (0.052 mm) nominal	D-3652

Features

- Adheres instantly to a variety of surfaces.
- Conformable backing.
- Edge tear and split resistant.
- Good aging in sunlight or fluorescent lighting.
- Reliable closures.
- Long life in use.

Available Sizes

Standard Widths:	48 mm
Core Size (ID):	3 in.
Lengths:	50 m, 100 m, 914 m, 1500 m

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311

Application Techniques	An extensive line of application equipment including hand held manual dispensers and semi-automatic and fully automatic equipment is available. Scotch® Box Sealing Tape 311 has been applied to fiberboard boxes with good results at refrigeration temperatures of 32°F to 50°F (0°C to 10°C). Once applied, Scotch® Tape 311 performs well on fiberboard boxes subjected to temperatures below 32°F (0°C).
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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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ISO 9001:2000

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2000 standards.



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