

# 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	Adhesive	Colors
	Biaxially oriented polypropylene film	Pressure sensitive acrylic. Requires no moisture, heat or solvent for activation.	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.

<b>Available Sizes</b>	Standard Widths:	48 mm
	Core Size (ID):	3 in.
	Lengths:	50 m, 100 m, 914 m, 1500 m

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311

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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. 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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Printed in U.S.A.  
©3M 2006 70-0710-0296-1 (4/06)