



Box Sealing Tape

311+

Technical Data January 2017

Product Description Scotch® Box Sealing Tape 311+ is a is an industrial packaging tape for box sealing, splicing, recoupage and other demanding packaging applications on light to medium weight boxes. The product offers excellent performance over broad temperature ranges; specifically in colder and damper applications; and adheres to recycled fiberboard.

Product Construction Backing: Biaxially Orientated Polypropylene Film
Adhesive: Pressure sensitive acrylic
Color: 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:	38 oz./in. width (42 N/100mm)	D-3330
Tensile Strength:		
Machine Direction:	25 lbs./in. width(438N/100mm)	D-3759
Cross Direction:	40 lbs./in. width(700N/100mm)	D-3759
Elongation at Break:	125%	D-3759
Tape Thickness: Backing:	1.1 mil (0.0304mm)	D-3652
Total:	2.05 mil (0.0533mm)	

3M™ Scotch® Box Sealing Tape 311+

- Features**
- Adheres instantly to a variety of surfaces
 - Edge tear and split resistance
 - Adheres well to recycled corrugate
 - Complies with the environmental considerations of ASTM D 1974-92.
 - Conformable backing.
 - Good aging in sunlight or fluorescent lighting.
 - Long life in use.
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Available Sizes Standard widths : 48 mm, 72 mm

Core Size (ID): 3 in.

Length: 100 m, 914 m

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 freezer and refrigeration temperatures of 20°F to 50°F (-6.6°C to 10°C). Once applied, Scotch® Tape 311+ performs well on fiberboard boxes subjected to temperatures below 32°F (0°C).

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

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ISO 9001

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



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