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Scotch® Superior Performance Box Sealing Tape 355



Technical Data

January, 2011

Product Description

Scotch® Box Sealing Tape 355 is a superior performance packaging tape used for box sealing, splicing, recooperage and other demanding 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 high performance in a wide range of environments and applications.

Construction

Backing	Adhesive	Colors
Biaxially oriented polyester film	Pressure sensitive hot melt rubber-resin	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:	78 oz./in. width (85 N/100 mm width)	D-3330
Tensile Strength:		
Machine Direction:	67 lbs./in. width (1174 N/100 mm width)	D-3759
Cross Direction:	69 lbs./in. width (1208 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 (0.09 mm)	D-3652
Holding Power to Fiberboard:	14,000 + minutes	D-3654

Features

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

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Available Sizes	Standard Widths:	36 mm, 48 mm, 72 mm Imperial widths (1½ in., 2 in., 3 in.) and lengths (60 yds., 1000 yds.) are available. Custom widths available upon request.
	Core Size (ID):	3 in.
	Lengths:	50 m and 914 m
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 355 is most easily accomplished at room temperature. At colder temperatures, approaching 32°F (0°C), the adhesive becomes more firm. Once applied, Scotch® Tape 355 performs well throughout the normal temperature ranges typically encountered by packaged products in shipping and storage environments.	
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 9001:2008

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

3M Center, Building 225-3S-06
St. Paul, MN 55144-1000
800-362-3550 • 877-369-2923 (Fax)
www.3M.com/industrial



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