

Scotch® High Performance Box Sealing Tape 353



Technical Data

January, 2011

Product Description Scotch® Box Sealing Tape 353 is a high performance packaging tape used for box sealing, splicing, reoperation and other demanding packaging applications. This product has a strong abrasion resistant backing and the most 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:	45 oz./in. width (49 N/100 mm width)	D-3330
Tensile Strength:		
Machine Direction:	25 lbs./in. width (437 N/100 mm width)	D-3759
Cross Direction:	30 lbs./in. width (525 N/100 mm width)	D-3759
Elongation at Break:	110%	D-3759
Thickness - Backing:	1.0 mil (0.025 mm)	D-3652
Total:	1.9 mil (0.048 mm)	D-3652
Holding Power to Fiberboard:	8,000 + minutes	D-3654

- Features**
- Pressure sensitive hot melt rubber-resin adhesive.
 - Adheres instantly to most surfaces including cartons containing high levels of recycled content.
 - Abrasion resistant backing with high edge tear and split resistance.
 - High performance ensures reliable closures.

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Available Sizes	Standard Widths:	36 mm, 48 mm, 72 mm 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 353 is most easily accomplished at room temperature. At colder temperatures, approaching 32°F (0°C), the adhesive becomes more firm. Once applied, Scotch® Tape 353 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.

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.

Product Use Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

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