

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, re-cooperage 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.

Scotch® Superior Performance Box Sealing Tape

355

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.
-------------------	---

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.
--------------------	--

Warranty, Limited Remedy, and Disclaimer	Unless an additional warranty is specifically stated on the applicable 3M product packaging or product literature, 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If the 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.
---	---

Limitation of Liability	Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.
--------------------------------	--

ISO 9001:2008

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2008 standards.

3M

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



Recycled Paper
40% pre-consumer
10% post-consumer

Scotch is a registered trademark of 3M.
Printed in U.S.A.
©3M 2011 70071002102 (1/11)