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3M™ Scotch® High Performance Box Sealing Tape 353

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.

Product 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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Technical Information Note

The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Typical Physical Properties

Property	Values		Method
Color	Clear and Tan		
Total Tape Thickness	0.048 mm	1.9 mil	ASTM D3652
Backing Thickness	0.025 mm	1 mil	ASTM D3652
Backing	Biaxially oriented polyester film		
Adhesive	Pressure sensitive hot melt rubber-resin		
Holding Power to Fiberboard	8,000+ min		ASTM D3654

Typical Performance Characteristics

Property	Values		Method	Substrate
Peel Adhesion	49.3 N/100mm	45 oz/in	ASTM D3330	Stainless Steel
Elongation at Break	110 %		ASTM D3759	

Tensile Strength		Test Condition
438 N/100mm	25 lb/in	Machine Direction
525 N/100mm	30 lb/in	Cross Direction

Property: Tensile Strength
Method: ASTM D3759

Available Sizes

Property	Values	
Standard Length	50 m	55 yd
Standard Width	48 mm	1.9 in
Core Size (ID)	76.2 mm	3 in
Note	Custom widths available upon request.	

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Handling/Application Information

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 and Shelf Life

Store in a clean, dry place. Temperature of 40-80°F (4-26°C) and 40 to 50% relative humidity are recommended. To obtain best performance, use this product within 18 months from date of manufacture.

Trademarks

Scotch is a registered trademark of 3M.

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/company-us/all-3m-products/-/Scotch-Box-Sealing-Tape-353?N=5002385+3293241483&rt=rud
Safety Data Sheet (SDS)	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=353

ISO Statement

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

Information

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