

3M™ Scotch® Superior Performance Box Sealing Tape 375

Product Description

Scotch® Box Sealing Tape 375 is a superior performance packaging tape used for box sealing, splicing, re-cooperage and other demanding packaging applications. This product has the strongest conformable backing and the most consistent pressure sensitive hot melt adhesive system available. This time proven construction assures superior performance in a wide range of environments and applications.

Product Features

- Pressure sensitive hot melt rubber-resin adhesive.
- CID A-A-1684C, Can be certified to ASTM D5486 Type III upon request.
- Considered water-resistant as per ASTM D5570.
- Adheres instantly to most surfaces including cartons containing high levels of recycled content.
- The strongest conformable backing with the highest edge tear and split resistance.
- Superior performance ensures reliable closures.
- Meets FDA requirements for indirect food contact.



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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	0.079 mm	3.1 mil	ASTM D3652
Backing Thickness	0.051 mm	2.0 mil	ASTM D3652
Backing	Biaxially oriented polypropylene film		
Adhesive	Pressure sensitive hot melt rubber-resin		
Holding Power to Fiberboard	12,000+ min		ASTM D3654

Typical Performance Characteristics

Property	Values		Method	Substrate
Peel Adhesion	60.2 N/100mm	55 oz/in	ASTM D3330	Stainless Steel
Elongation at Break	160 %		ASTM D3759	

Tensile Strength		Test Condition
613 N/100mm	35 lb/in	Machine Direction
1226 N/100mm	70 lb/in	Cross Direction

Property: Tensile Strength
Method: ASTM D3759

Available Sizes

Property	Values	
Standard Length	50, 914 m	55, 1000 yd
Standard Width	48, 72 mm	1.9, 2.8 in
Core Size (ID)	76.2 mm	3 in

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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® Superior Performance Box Sealing Tape 375 is most easily accomplished at room temperature. At colder temperatures, approaching 32°F (0°C), the adhesive becomes more firm. Once applied, Scotch® Tape 375 performs well throughout the normal temperature ranges typically encountered by packaged products in shipping and storage requirements.

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.

Industry Specifications

CID A-A-1684C

FDA requirements for indirect food contact.

Trademarks

Scotch is a registered trademark of 3M.

References

1. 3m.com Product Page

Url: https://www.3m.com/3M/en_US/company-us/all-3m-products/~-/Scotch-Box-Sealing-Tape-375?N=5002385+3293241480&rt=rud

2. Safety Data Sheet

Url: https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=375

ISO Statement

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

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.

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