



Technical Data Sheet

3M™ Scotch® High Performance Box Sealing Tape 373



[Product Details](#)



[Regulatory Info/SDS](#)

Product Description

Scotch® Box Sealing Tape 373 is a high performance packaging tape used for box sealing, splicing, recoupage and other demanding packaging applications. This product has a heavy duty, conformable 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

- Meets CID A-A-1684C.
- Adheres instantly to most surfaces including cartons containing high levels of recycled content.
- Heavy duty, conformable backing with higher edge tear and split resistance.

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

Attribute Name	Test Method	Value
Color		Blue, clear, green, orange, red, tan, white, and yellow
Adhesive Type		Pressure sensitive hot melt rubber-resin
Backing		Biaxially oriented polypropylene film
Backing Thickness	ASTM D3652	0.041 mm (1.6 mil)
Total Tape Thickness	ASTM D3652	0.064 mm (2.5 mil)

Typical Performance Characteristics

Substrate: Stainless Steel
Temperature: 22 °C (72 °F)
Dwell Time: 72 h

Attribute Name	Test Method	Value
180° Peel Adhesion	ASTM D3330	54.7 N/100mm (50.0 oz/in) ¹

¹ 12 in/min (300 mm/min)

Attribute Name	Test Method	Test Condition	Substrate	Value
Elongation at Break	ASTM D3759			160 %
Tensile Strength	ASTM D3759	Machine Direction		525 N/100mm (30 lb/in)
Tensile Strength	ASTM D3759	Cross Direction		1051 N/100mm (60 lb/in)
Holding Power	ASTM D3654		Fiberboard	8,000+ min

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 373 is most easily accomplished at room temperature. At colder temperatures, approaching 32°F (0°C), the adhesive becomes more firm. Once applied, Scotch® Tape 373 performs well throughout the normal temperature ranges typically encountered by packaged products in shipping and storage environments.

Industry Specifications

CID A-A-1684C

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.

Available Sizes

Attribute Name	Value
Core Size (ID)	76.2 mm (3 in)
Note	Custom widths available upon request.
Standard Roll Length	50, 100, 914, 1500 m (55, 109, 1000, 1641 yd)
Standard Width	36, 48, 72 mm (1.4, 1.9, 2.8 in)

Information

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ISO Statement

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

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