



Technical Data Sheet

3M™ Scotch® Superior Performance Box Sealing Tape 375



[Product Details](#)



[Regulatory Info/SDS](#)

Product Description

Scotch® Box Sealing Tape 375 is a superior performance packaging tape used for box sealing, splicing, re-coverage 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.
- 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.

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		Clear and Tan
Adhesive Type		Pressure sensitive hot melt rubber-resin
Backing		Biaxially oriented polypropylene film
Backing Thickness	ASTM D3652	0.051 mm (2 mil)
Total Tape Thickness	ASTM D3652	0.079 mm (3.1 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	60.2 N/100mm (55.0 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		613 N/100mm (35 lb/in)
Tensile Strength	ASTM D3759	Cross Direction		1226 N/100mm (70 lb/in)
Holding Power	ASTM D3654		Fiberboard	12,000+ 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® 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 under normal conditions of 4° to 27°C (40° to 80°F) and 40 to 50% relative humidity in the original packaging, out of direct sunlight. For 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)
Standard Roll Length	50, 914 m (55, 1000 yd)
Standard Width	48, 72 mm (1.9, 2.8 in)

Information

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ISO Statement

This product was manufactured under a 3M quality system registered to ISO 9001 standards.

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