



Technical Data Sheet

3M™ Scotch® Performance Box Sealing Tape 372



[Product Details](#)

Product Description

Scotch® Box Sealing Tape 372 is a performance packaging tape used for box sealing, splicing, recooperage and other demanding packaging applications. This product has a strong, conformable backing and a consistent pressure sensitive hot melt adhesive system. This time proven construction assures a reliable 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 various levels of recycled content.
- Strong, conformable backing with the high edge tear and split resistance.
- 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	0.036 mm (1.4 mil)
Total Tape Thickness	ASTM D3652	0.056 mm (2.2 mil)

Typical Performance Characteristics

Substrate: Stainless Steel
Temperature: 23 °C (73 °F)
Dwell Time: 72 h

Attribute Name	Test Method	Value
180° Peel Adhesion	ASTM D3330	49.3 N/100mm (45.0 min) ¹

¹ 304 mm/min (12 in/min)

Attribute Name	Test Method	Test Condition	Substrate	Value
Elongation at Break	ASTM D3759			160 %
Tensile Strength	ASTM D3759	Machine Direction		455 N/100mm (26 lb/in)
Tensile Strength	ASTM D3759	Cross Direction		911 N/100mm (52 lb/in)
Holding Power	ASTM D3654		Fiberboard	6,000+ 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 372 is most easily accomplished at room temperature. At colder temperatures, approaching 32°F (0°C), the adhesive becomes more firm. Once applied, Scotch® Tape 372 performs well throughout the normal temperature ranges typically encountered by packaged products in shipping and storage environments.

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)
Note	Custom widths available upon request.
Standard Roll Length	50, 100, 914, 1500 m (55, 109, 1000, 1641 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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