



Technical Data Sheet

3M™ Scotch® Industrial Box Sealing Tape 371



Product Details



Regulatory Info/SDS

Product Description

Scotch® Box Sealing Tape 371 is an industrial packaging tape used for box sealing, splicing, recouperage and other packaging applications. This product has a conformable backing and a consistent pressure sensitive hot melt synthetic rubber adhesive system.

Product Features

- Adheres instantly to a variety of surfaces.
- Edge tear and split resistance.
- Good adhesion to fiberboard.
- Roll to roll consistency increases productivity for improved unit costs.

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, yellow, and white
Adhesive Type		Pressure sensitive hot melt rubber-resin
Backing		Biaxially oriented polypropylene
Backing Thickness	ASTM D3652	0.03 mm (1.2 mil)
Total Tape Thickness	ASTM D3652	0.046 mm (1.8 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	43.8 N/100mm (40.0 oz/in) 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		385 N/100mm (22 lb/in)
Tensile Strength	ASTM D3759	Cross Direction		771 N/100mm (44 lb/in)
Holding Power	ASTM D3654		Fiberboard	3,500+ 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 371 is most easily accomplished at room temperature. At colder temperatures, approaching 32°F (0°C), the adhesive becomes more firm. Once applied, Scotch® Tape 371 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)
Standard Roll Length	50, 100, 914, 1500 m (55, 109, 1000, 1641 yd)
Standard Width	36, 42, 48, 72 mm (1.4, 1.7, 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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