

May, 2017

3M™ Scotch® Industrial Box Sealing Tape 371

Product Description

Scotch® Box Sealing Tape 371 is an industrial packaging tape used for box sealing, splicing, recoupage 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.
- Meets FDA requirements for indirect food contact.



3M™ Scotch® Industrial Box Sealing Tape 371

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	Substrate
Color	Blue, clear, green, orange, red, tan, yellow, and white			
Total Tape Thickness	0.046 mm	1.8 mil	ASTM D3652	
Backing Thickness	0.03 mm	1.2 mil	ASTM D3652	
Backing	Biaxially oriented polypropylene			
Adhesive	Pressure sensitive hot melt rubber-resin			
Holding Power	3,500+ min		ASTM D3654	Fiberboard

Typical Performance Characteristics

Property	Values	Method	Backing	Notes	Substrate
180° Peel Adhesion	40 oz/in	ASTM D3330	2 mil Aluminum Foil	12 in/min (300 mm/min) 72 hr dwell on Stainless Steel	
180° Peel Adhesion	43.8 N/100mm	ASTM D3330			Stainless Steel
Elongation at Break	160 %	ASTM D3759			

Tensile Strength		Test Condition	Notes
385 N/100mm		Machine Direction	
22 lb/in			Machine Direction
771 N/100mm	44 lb/in	Cross Direction	

Property: Tensile Strength
Method: ASTM D3759

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Available Sizes

Property	Values		Attribute Modifier
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	
Core Size	76.2 mm	3 in	ID

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 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

Meets FDA requirements for indirect food contact.

Trademarks

Scotch is a registered trademark of 3M.

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/company-us/all-3m-products/-/Scotch-Box-Sealing-Tape-371?N=5002385+3293242350&rt=rud
Safety Data Sheet (SDS)	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=371

Family Group

	371	371+
Color	Blue, clear, green, orange, red, tan, yellow, and white	Clear
Total Tape Thickness (mm)	0.046	0.048
Backing Thickness (mm)	0.03	0.03

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Family Group (continued)

	371	371+
Backing	Biaxially oriented polypropylene	Biaxially oriented polypropylene
Adhesive	Pressure sensitive hot melt rubber-resin	Pressure sensitive hot melt rubber-resin

ISO Statement

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

Information

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