

# Technical Data Sheet

## 3M™ Scotch® Industrial Box Sealing Tape 371

### 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.
- Meets FDA requirements for indirect food contact.

### 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	Additional Information
Backing	Biaxially oriented polypropylene	

Adhesive Type	Pressure sensitive hot melt rubber-resin
Color	Blue, clear, green, orange, red, tan, yellow, and white

Backing Thickness (mm)	0.03 mm	View ^
Test Method: ASTM D3652		
Total Tape Thickness (mil)	1.8 mil	View ^

Test Method: ASTM D3652

Total Tape Thickness (mm)	0.046 mm	View ^
Test Method: ASTM D3652		

Backing Thickness	1.2 mil	View	^
Test Method: ASTM D3652			
Holding Power	3,500+ min	View	^
Test Method: ASTM D3654			
Substrate: Fiberboard			

### Typical Performance Characteristics

Property	Values	Additional Information	
180° Peel Adhesion	40 oz/in	View	^
Test Method: ASTM D3330			
Notes: 12 in/min (300 mm/min)			
180° Peel Adhesion	43.8 N/100mm	View	^
Test Method: ASTM D3330			
Substrate: Stainless Steel			
Tensile Strength	385 N/100mm	View	^
Test Method: ASTM D3759			
Tensile Strength	22 lb/in	View	^
Test Method: ASTM D3759			
Tensile Strength	771 N/100mm	View	^
Test Method: ASTM D3759			
Tensile Strength	44 lb/in	View	^
Test Method: ASTM D3759			
Elongation at Break (%)	160 %	View	^
Test Method: ASTM D3759			

### Available Sizes

Property	Values	Additional Information
Standard Roll Length	50, 100, 914, 1500 m	

Standard Roll Length	55, 109, 1000, 1641 yd
Standard Width	36, 42, 48, 72 mm
Standard Width	1.4, 1.7, 1.9, 2.8 in
Core Size (ID)	76.2 mm
Core Size (ID)	3 in

## 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.

## Bottom Matter

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## Trademarks

Scotch is a registered trademark of 3M.

## 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.

## References

Property	Values
3m.com Product Page	<a href="https://www.3m.com/3M/en_US/p/d/b40067745/">https://www.3m.com/3M/en_US/p/d/b40067745/</a>
Safety Data Sheet SDS	<a href="https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=371">https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=371</a>

## Family Group

Link Tags:



- 371

• 371+

Products	Backing	Adhesive Type	Color	Total Tape Thickness (mm)
371	Biaxially oriented polypropylene	Pressure sensitive hot melt rubber-resin	Blue, clear, green, orange, red, tan, yellow, and white	N/A
371+	N/A	N/A	Clear	0.053 mm

## 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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