

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.

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.

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	https://www.3m.com/3M/en_US/p/d/b40067745/
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

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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