

June, 2017

3M™ Tartan™ Box Sealing Tape 369

Product Description

Tartan™ Box Sealing Tape 369 is a general purpose packaging tape used for noncritical box sealing applications. This product has a conformable backing and a pressure sensitive hot melt adhesive system. This construction provides a good closure for lightweight boxes exposed to minimal distribution hazards.

Product Features

- Adheres to a variety of surfaces.
- Low strength conformable backing.
- Edge tear and split resistance.
- Good holding power to fiberboard.
- Reliable closures.
- 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		Method	Substrate
Color	Clear and Tan			
Total Tape Thickness	0.041 mm	1.6 mil	ASTM D3652	
Backing Thickness	0.025 mm	1.0 mil	ASTM D3652	
Backing	Biaxially oriented polypropylene film			
Adhesive	Pressure sensitive hot melt rubber-resin			
Holding Power	1,000+ min		ASTM D3654	Fiberboard

Typical Performance Characteristics

Property	Values	Method	Backing	Notes	Substrate
180° Peel Adhesion	30 oz/in	ASTM D3330	2 mil Aluminum Foil	12 in/min (300 mm/min) 72 hr dwell on Stainless Steel	
180° Peel Adhesion	32.8 N/100mm	ASTM D3330			Stainless Steel
Elongation at Break	160 %	ASTM D3759			

Tensile Strength		Test Condition	Notes
333 N/100mm		Machine Direction	
19 lb/in			Machine Direction
665 N/100mm	38 lb/in	Cross Direction	

Property: Tensile Strength
Method: ASTM D3759

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Available Sizes

Property	Values	Values	Attribute Modifier
Standard Roll Length	50, 100, 914, 1500 m	55, 109, 1000, 1641 yd	
Standard Width	48, 72 mm	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 Tartan™ Box Sealing Tape 369 is most easily accomplished at room temperature. At colder temperatures, approaching 32°F (0°C), the adhesive becomes more firm. Once applied, Tartan tape 369 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.

Trademarks

Tartan is a trademark of 3M.

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/company-us/all-3m-products/~//Tartan-Box-Sealing-Tape-369?N=5002385+3293241039&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=369

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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