

TartanTM Box Sealing Tape 369

Technical Data

July, 2009

Product Description TartanTM Box Sealing Tape 369 is a general purpose packaging tape used for non-critical 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.

Construction	Backing	Adhesive	Colors
	Biaxially oriented polypropylene film	Pressure sensitive hot melt rubber-resin	Clear and tan

Typical Physical Properties

Note: The following technical information and data should be considered representative or typical only, and should not be used for specification purposes.

		ASTM Test Method
Adhesion to Steel:	30 oz./in. width (32 N/100 mm width)	D-3330
Tensile Strength:		
Machine Direction:	19 lbs./in. width (333 N/100 mm width)	D-3759
Cross Direction:	38 lbs./in. width (666 N/100 mm width)	D-3759
Elongation at Break:	160%	D-3759
Thickness - Backing:	1.0 mil (0.025 mm)	D-3652
Total:	1.6 mil (0.041 mm)	D-3652
Holding Power to Fiberboard:	1,000 + minutes	D-3654

Features

- Adheres to a variety of surfaces.
- Low strength conformable backing.
- Edge tear and split resistance.
- Good holding power to fiberboard.
- Complies with the environmental considerations of ASTM D 1974-92.
- Reliable closures.
- Roll to roll consistency increases productivity for improved unit costs.
- FDA approved for indirect food contact.

Tartan™ Box Sealing Tape

369

Available Sizes	Clear	Tan
Standard Widths:	36 mm, 48 mm, 72 mm	48 mm and 72 mm
Core Size (ID):	3 in.	3 in.
Lengths:	50 m, 100 m, 914 m, 1500 m	100 m

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 Conditions Store in a clean, dry place. Temperature of 40-80°F (4-26°C) and 40 to 50% relative humidity are recommended.

Shelf Life To obtain best performance, use this product within 18 months from date of manufacture.

Technical Information The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

Product Use Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

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Industrial Adhesives and Tapes Division

3M Center, Building 225-3S-06
St. Paul, MN 55144-1000
800-362-3550 • 877-369-2923 (Fax)
www.3M.com/industrial



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