



Technical Data Sheet

3M™ Tartan™ Box Sealing Tape 369



[Regulatory Info/SDS](#)

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.

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

Attribute Name	Test Method	Value
Color		Clear and Tan
Adhesive Type		Pressure sensitive hot melt rubber-resin
Backing		Biaxially oriented polypropylene film
Backing Thickness	ASTM D3652	0.025 mm (1 mil)
Total Tape Thickness	ASTM D3652	0.041 mm (1.6 mil)

Typical Performance Characteristics

Substrate: Stainless Steel
Temperature: 23 °C (73 °F)
Dwell Time: 72 h

Attribute Name	Test Method	Value
180° Peel Adhesion	ASTM D3330	32.8 N/100mm (30.0 oz/in) ¹

¹ 304 mm/min (12 in/min)

Attribute Name	Test Method	Test Condition	Substrate	Value
Elongation at Break	ASTM D3759			160 %
Tensile Strength	ASTM D3759	Machine Direction		333 N/100mm (19 lb/in)
Tensile Strength	ASTM D3759	Cross Direction		665 N/100mm (38 lb/in)
Holding Power	ASTM D3654		Fiberboard	1,000+ min

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 under normal conditions of 4° to 27°C (40° to 80°F) and 40 to 50% relative humidity in the original packaging, out of direct sunlight. For best performance, use this product within 18 months from date of manufacture.

Available Sizes

Attribute Name	Value
Core Size (ID)	76.2 mm (3 in)
Standard Roll Length	50, 100, 914, 1500 m (55, 109, 1000, 1641 yd)
Standard Width	48, 72 mm (1.9, 2.8 in)

Information

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ISO Statement

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