



Technical Data Sheet

3M™ Tartan™ Box Sealing Tape 302



[Product Details](#)

Product Description

Tartan™ Box Sealing Tape 302 is a general purpose packaging tape used for noncritical box sealing applications. This product has a conformable film backing and a consistent, pressure sensitive acrylic adhesive. This construction provides a good closure for lightweight boxes exposed to minimal distribution hazards.

Product Features

- Adheres instantly to a variety of surfaces.
- Conformable backing.
- Edge tear and split resistance.
- Good aging in sunlight and fluorescent lighting.
- Reliable closures.
- Long life in use.

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 acrylic
Backing		Biaxially oriented polypropylene
Backing Thickness	ASTM D3652	0.025 mm (1 mil)
Total Tape Thickness	ASTM D3652	0.04 mm (1.6 mil)

Typical Performance Characteristics

Substrate: Stainless Steel
Temperature: 22 °C (72 °F)
Dwell Time: 72 h

Attribute Name	Test Method	Value
180° Peel Adhesion	ASTM D3330	19.7 N/100mm (18.0 oz/in) ¹

¹ 12 in/min (300 mm/min)

Test Method: ASTM D3759

Attribute Name	Test Condition	Value
Elongation at Break		116 %
Tensile Strength	Machine Direction	403 N/100mm (23 lb/in)
Tensile Strength	Cross Direction	701 N/100mm (40 lb/in)

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	100 m (109 yd)
Standard Width	48, 72 mm (1.9, 2.8 in)

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ISO Statement

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3M™ Industrial Specialties Division
3M Center, St. Paul, MN 55144-1000
www.3M.com

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