



# Technical Data Sheet

## 3M™ Tartan™ General Purpose Box Sealing Tape 305



[Product Details](#)



[Regulatory Info/SDS](#)

### Product Description

Tartan™ Box Sealing Tape 305 is a general purpose packaging tape used for noncritical box sealing applications. This product has a conformable backing and a pressure sensitive acrylic adhesive. This construction provides a good closure for lightweight boxes exposed to minimal distribution hazards.

### 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 film
Backing Thickness	ASTM D3652	0.025 mm (1 mil)
Total Tape Thickness	ASTM D3652	0.046 mm (1.8 mil)
*Note		Requires no moisture, heat or solvent for activation.

### 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	17.7 N/100mm (16.2 oz/in) <sup>1</sup>

<sup>1</sup> 12 in/min (300 mm/min)

Test Condition: Machine Direction

Attribute Name	Test Method	Value
Tensile Strength	ASTM D3759	701 N/100mm (40 lb/in)

Attribute Name	Value
Note	Based on limited production. As sufficient production data is gathered, a revised data sheet will be issued.  NOTE: Tartan™ General Purpose Box Sealing Tapes have physical properties that may vary over a broad range.

### 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.

## 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)

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## ISO Statement

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001 standards.

3M  
Closure and Masking Systems Division  
3M Center, Building 225-3S-06  
St. Paul, MN 55144-1000  
800-362-3550 • 877-369-2923 (Fax)  
[www.3M.com](http://www.3M.com)

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