Technical data sheet

Product:	305
Manufacturer:	3M DEUTSCHLAND GMBH
Product group:	KLEBEBAND
Article group:	EINSEITIG
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3M™ TARTAN™ BOX SEALING TAPE 305

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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) [1]

[1] 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 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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