



Technical Data Sheet

3M™ Scotch® Box Sealing Tape 315



[Product Details](#)



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Product Description

Scotch® Box Sealing Tape 315 is a high performance packaging tape used for critical box sealing applications. This product has a strong, conformable film backing and a high coating weight, pressure sensitive acrylic adhesive system. This construction provides a good closure for heavier weight boxes, boxes exposed to distribution hazards and boxes sealed at cold temperatures.

Product Features

- Adheres instantly to a variety of surfaces
- Strong conformable backing
- Excellent tear and split resistance
- Good aging in sunlight and fluorescent lighting
- Reliable closures for difficult and extreme temperature applications
- 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	0.058 mm (2.3 mil)
Total Tape Thickness	ASTM D3652	0.089 mm (3.5 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	41.6 N/100mm (38.0 oz/in) ¹

¹ 12 in/min (300 mm/min)

Test Method: ASTM D3759

Attribute Name	Test Condition	Value
Elongation at Break		200 %
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 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, 914 m (55, 1000 yd)
Standard Width	48, 72 mm (1.9, 2.8 in)

Information

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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

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