



Technical Data Sheet

3M™ Scotch® Box Sealing Tape 313



[Product Details](#)



[Regulatory Info/SDS](#)

Product Description

Scotch® Box Sealing Tape 313 is designed for easy handling and smooth dispensing. The high coating weight of acrylic adhesive makes it ideal for wide temperature swings and applications where it is applied. It adheres well to recycled liner paper and will maintain its performance and appearance better than most products when exposed to UV light.

Product Features

- Adheres instantly to a variety of surfaces.
- Conformable backing.
- Edge tear and split resistant.
- Good aging in sunlight or 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 film |
| Backing Thickness | ASTM D3652 | 0.041 mm (1.6 mil) |
| Total Tape Thickness | ASTM D3652 | 0.065 mm (2.55 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 | 35 N/100mm (32 oz/in) ¹ |

¹ 12 in/min (300 mm/min)

Test Method: ASTM D3759

| Attribute Name | Test Condition | Value |
|---------------------|-------------------|------------------------|
| Elongation at Break | | 125 % |
| Tensile Strength | Machine Direction | 613 N/100mm (35 lb/in) |
| Tensile Strength | Cross Direction | 981 N/100mm (56 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, 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

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

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