

July, 2009

3M™ Tartan™ General Purpose Box Sealing Tape 305

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.



3M™ Tartan™ General Purpose Box Sealing Tape 305

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

| Property | Values | | Method |
|----------------------|---|---------|------------|
| Color | Clear and Tan | | |
| Total Tape Thickness | 0.046 mm | 1.8 mil | ASTM D3652 |
| Backing Thickness | 0.025 mm | 1 mil | ASTM D3652 |
| Backing | Biaxially oriented polypropylene film | | |
| Adhesive | *Pressure sensitive acrylic | | |
| *Note | Requires no moisture, heat or solvent for activation. | | |

Typical Performance Characteristics

| Property | Values | | Method | Substrate | Test Condition |
|------------------|--------------|------------|------------|-----------------|-------------------|
| Peel Adhesion | 17.7 N/100mm | 16.2 oz/in | ASTM D3330 | Stainless Steel | |
| Tensile Strength | 701 N/100mm | 40 lb/in | ASTM D3759 | | Machine Direction |

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.

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Available Sizes

| Property | Values | |
|-----------------|----------------------|------------------------|
| Standard Length | 50, 100, 914, 1500 m | 55, 109, 1000, 1641 yd |
| Standard Width | 48, 72 mm | 1.9, 2.8 in |
| Core Size (ID) | 76.2 mm | 3 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.

Trademarks

Tartan is a trademark of 3M.

References

| Property | Values |
|-------------------------|---|
| 3m.com Product Page | https://www.3m.com/3M/en_US/company-us/all-3m-products/~Tartan-Box-Sealing-Tape-305?N=5002385+3293242209&rt=rud |
| Safety Data Sheet (SDS) | https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=305 |

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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Information

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