



Venture Tape™ UL181B-FX Polypropylene Duct Tape 1599B

Technical Data

January, 2015

Product Description 3M™ Venture Tape™ UL181B-FX Polypropylene Duct Tape 1599B is a UV resistant bi-axially oriented polypropylene (BOPP) tape coated with a cold weather acrylic adhesive.

| Product Construction | Backing | Adhesive | Color | Liner | Standard Roll Length |
|----------------------|---------------|----------|--|-------|----------------------|
| | Polypropylene | Acrylic | Natural Aluminum (Also available in Black/White Print) | Paper | 120 yds (109m) |

- Features**
- UL181B-FX Listed (UL File # MH16587)
 - Cold weather adhesive
 - Hand tearable

Typical Physical Properties **Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.**

| Test | Typical Value | Typical Value (Metric) | Test Method |
|--------------------------------|-------------------|------------------------|-------------|
| Product Thickness ^Ω | 3.0 mils | 0.08 mm | PSTC-133 |
| Peel Adhesion ^Δ | 30 oz/in | 8.3 N/25 mm | PSTC-101 |
| Shear Adhesion | >24 hrs @ 2.2 psi | >24 hrs @ 15.2 kPa | PSTC-107 |
| Tensile Strength | 20 lb/in | 90.4 N/25 mm | PSTC-131 |
| Elongation | 130% | 130% | PSTC-131 |
| Service Temperature | -40 to 185°F | -40 to 85°C | |

Ω - excluding liner Δ - 20 minute dwell

- Application Ideas**
- Flexible duct closure tape

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Storage Store in a clean, dry place. Temperature of 40-80°F (4-26°C) and 40 to 50% relative humidity are recommended.

Shelf Life To obtain best performance, use this product within 12 months from date of manufacture

Technical Information The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

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ISO 9001

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