



Venture Tape™ UL181B-FX

Polypropylene Duct Tape 1599B

Technical Data

January, 2017

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

Product Construction	Backing	Adhesive	Color	Standard Roll Length
	UL printed Polypropylene	Acrylic	Silver and Black	120 yds (109 m)

- Features**
- UL181B-FX Listed (UL File # MH16587)
 - Specifically designed to perform in cold weather conditions
 - High performance over a wide temperature range
 - UV resistant

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
Total Tape Thickness	3 mils	0.08 mm	ASTM-D3652
Backing Thickness	1.5 mils	0.04 mm	ASTM-D3652
Peel Adhesion	38 oz/in	10.5 N/25mm	ASTM-D3330
Tensile Strength	32 lb/in	142 N/25 mm	ASTM-D3759
Elongation	213%	213%	ASTM-D3759
Service Temperature	-40° to 185°F	-40° to 85°C	

- Application Ideas**
- Sealing flexible air ducts
 - Sealing air connectors
 - Securing flex ducts

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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 24 months from date of manufacture.
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ISO 9001

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



Industrial Adhesives and Tapes Division

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