



Venture Tape™ Aluminum Foil Tape 1517CW

Technical Data

April, 2015

Product Description 3M™ Venture Tape™ Aluminum Foil Tape 1517CW is a 1.2 mil dead soft aluminum foil coated with a cold weather solvent acrylic pressure sensitive adhesive.

| Product Construction | Backing | Adhesive | Color | Liner | Standard Roll Length |
|----------------------|---------------|----------|------------------|---------------|----------------------|
| | Aluminum Foil | Acrylic | Natural Aluminum | Release Liner | 50 yds (45.7 m) |

- Features**
- Excels in demanding temperature and humidity applications
 - Conforms well to irregular surfaces
 - Specifically designed for cold weather conditions

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 | 2.4 mils | 0.06 mm | PSTC-133 |
| Peel Adhesion | 35 oz/in | 9.7 N/25 mm | PSTC-101 |
| Shear Adhesion | >24 hrs @ 2.2 psi | >24 hrs @ 15.2 kPa | PSTC-107 |
| Tensile Strength | 12.5 lb/in | 56.5 N/25 mm | PSTC-131 |
| Elongation | 5% | 5% | PSTC-131 |
| Service Temperature | -40° to 250°F | -40° to 121°C | |

- Application Ideas**
- Applies easily to both fibrous and sheet metal ducts
 - Ideal for use as a vapor seal for reinforced fiberglass or mineral wool thermal insulation

- Classifications**
- UL723 Classified (5/10 Flame/Smoke Rating) [UL file #R10984]
 - DIN 4102-A2
 - BS476 parts 6 & 7 class 0
 - U.S. Coast Guard Approved (CGA #164.112/1121/WCL MED0284TE)
 - IMO Resolution A653(16)
 - IMO Resolution MSC 61(67) Annex 1 Part 5 and Annex 2 IMO resolution MSC 61(67) Annex 1 Part 2 and Annex 2

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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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