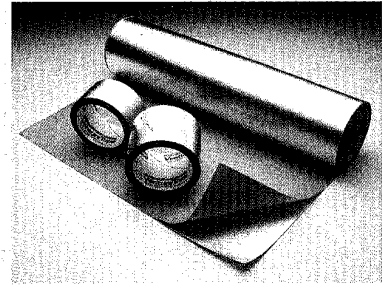


# VentureClad™ New! 1577CW®



*A five-ply, laminated foil/film facing for interior and exterior applications*

*Absolute vapor barrier, water and weather seal, with fast, clean, safe installation*



*Applicable to foam glass, mineral fiber insulation, nitrile rubber foam, and semi-rigid and rigid foam insulation.*

*Specify for replacement of fab and mastics, butyl duct wrap, and other interior and exterior jacketing materials.*

#### Performance Features

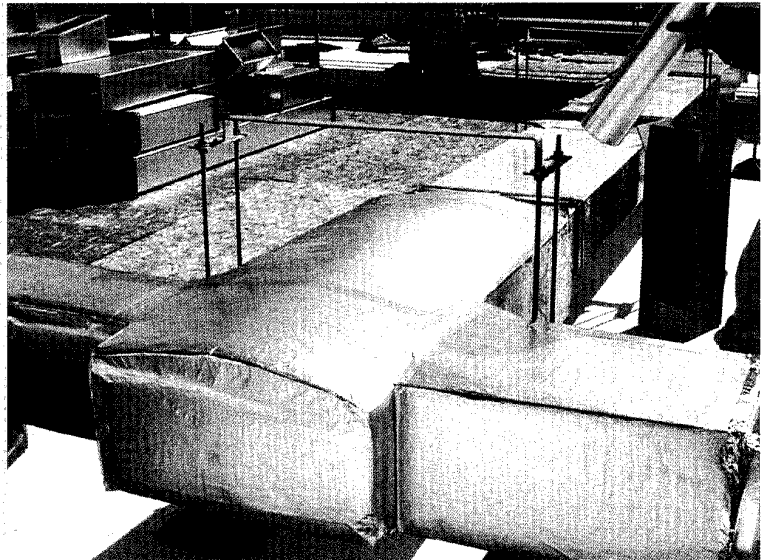
- Absolute Vapor Barrier
- Permanent Acrylic, Self-adhesive System
- Weather Resistant, Age-resistant Bond
- High Puncture, Tear Resistance
- Great Temperature Application Range: -10 to 248 °F (-23 to 120 °C)
- Easy Inspection and Repair
- Low Maintenance Costs
- Fire Resistant, Low Flame Spread, With No Toxic Gas Emission
- UL Listed. Exceeds All Requirements of UL 723 (25\50 Flame\Smoke Rating)

#### Efficient Installation

- Can be Applied at Low Temperature
- No Off-site Fabrication Required
- Simple Application with Minimum Training
- Low Weight Material Handling
- Fast, Clean, Safe Installation

#### Description

Coated with Venture Tape's special CW® Cold Weather acrylic, pressure-sensitive adhesive system combining superior quick stick at normal temperatures with superior, field-proven performance, even below freezing temperatures. Laminated construction provides a highly puncture and tear resistant material.



*VentureClad on 5000m<sup>2</sup> of foil faced 48Kg/m<sup>3</sup> mineral wool in a fast, clean, safe installation.*

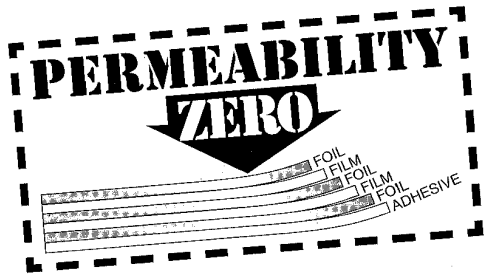
## VentureTape®

**Venture Tape Corp.**  
30 Commerce Road  
Rockland, Massachusetts  
02370 U.S.A.  
Tel 781-331-5900  
800-343-1076 (U.S.A.)  
800-544-1024 (Canada)  
Fax 781-871-0065  
www.venturetape.com  
sales@venturetape.com

**Venture Tape Europe Corp.**   
**ISO 9001/2000 Certified**  
Units 5/6, Faraday Close  
Drayton Fields, Daventry  
Northants, England  
NN11 5RD  
Tel +44 (0) 1327 876555  
Fax +44 (0) 1327 876444  
Toll Free from U.K.  
800-962-957

**Venture Tape Australasia, Pty. Ltd.**  
90A Northgate Drive  
Thomastown 3074  
Victoria, Australia  
Tel 61 3 9464 2089  
Fax 61 3 9464 7268  
Toll Free from Australia  
800 122-797

**Toll Free to U.S.A. from:** Germany 0131 822178, Belgium 0 800 1-5625, Netherlands 0800-022-2038, Singapore 800-1100695, Mexico 800-343-1076



# VentureClad™ 1577CW®

## Laminated Aluminum and Polyester Insulation Facing for Interior and Exterior Applications

Absolute vapor barrier, water and weather seal for use where traditional finishing constructions permit wet insulation and corrosion. Applicable to mineral fiber insulation, nitrile rubber foam, semi-rigid and rigid foams, exterior air ducts and other open air installations. Specify for replacement of mastics, rigid PVC, sheet metal, butyl duct wrap and similar jacketing materials.

VentureClad 1577CW is a 5-ply laminate alternating three layers of aluminum foil (core and outer layers) with two layers of polyester film. Coated with Venture Tape's special CW® Cold Weather acrylic, pressure-sensitive adhesive system which combines superior quick stick at normal temperatures with superior, field-proven performance, even below freezing temperatures. Laminate construction makes this product highly puncture, tear resistant and flame retardant.

**NOTE:** Seams on bends, elbows, "tee", and similar junctures are to be sealed with VentureClad 1578CW Tape\*. VentureClad 1578CW is a three-ply laminate (foil/film/foil/adhesive), for greater conformability. The use of VentureClad 1578CW Tape is mandatory, in order to maintain the absolute vapor barrier of the VentureClad 1577CW and to retain the integrity of the system.

### Specifications:

Substrate Thickness	3.0 mils (0.003")	0.0762 mm (85µ)
Adhesive Thickness	2.0 mils (0.002")	0.0787 mm (50 gsm)
Peel Adhesion (PSTC-1)	30 oz / inch	8.5 N / 25 mm
Sheer adhesion (PSTC-7)	Indefinite @ 2.2 psi	Indefinite @ 15.2 kPa
Tensile (PSTC-31)	50 lb / inch width	225 N (31 kg) / 25 mm
Elongation at Break		166%
Puncture Resistance (ASTM D - 1000)		16 kg
Tear Strength (ASTM D - 624)		2 kg
Release Liner Polycoated Natural Kraft	70 lb/ream	115 gsm
Maximum Temperature Continuous Use	300 °F	149 °C
Application Temperature	-10 °F to 248 °F	-23 °C to 120 °C
Chemical and UV Resistance	Similar To Aluminum	
Fire Ratings	UL Listed: Exceeds All Requirements of UL 723 (25\50 Flame\Smoke Rating) BS 476, Part 6 & 7, Class 1; EN ISO 1716 3,5 MJ / m2 (calculated); Building Regulation - Class 0	
Water Vapor Permeability	0-Perm	

### VentureClad 1577CW Available Sizes:

Standard widths; 23-1/2 inches (600 mm) and 47 inches (1200 mm); Custom widths up to 60 inches (1524 mm), Rolls up to 42 Inch (1764 mm) O.D. or sheeted to customer specification.

### \*VentureClad Tape 1578CW Available Sizes:

Custom widths 1-1/4 inches (32 mm) to 6 inches (152 mm).



## VentureTape®

### Warranty

PRODUCTS SOLD BY VENTURE TAPE CORP. ARE WARRANTED UPON DELIVERY TO BE OF THE QUALITY SET FORTH IN THE SPECIFICATIONS. VENTURE TAPE CORP. MAKES NO OTHER REPRESENTATIONS OR WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Should a product sold by Venture Tape Corp. not be as warranted, Venture Tape Corp.'s sole obligation shall be, at its sole option, to repair, correct or replace the products, or, at Venture Tape Corp.'s sole discretion, to refund amounts paid for such product upon its return to a location designated by Venture Tape Corp. No product may be returned to Venture Tape Corp. without prior written approval. Any return must be shipped within 14 days of delivery. Venture Tape Corp. shall in no event have any responsibility for any damages beyond the cost of the product, either for labor, expense or other damages of any sort including special, incidental or consequential damages incurred by the buyer or user. Determination of the suitability of the product to its application and product installation are solely the responsibility of the buyer.

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