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# Venture Tape

30 Commerce Road  
Rockland, MA 02370-0384

781-871-1400  
Fax: 781-871-0065

## 1520CW<sup>nt</sup>

### 2 MIL (50 MICRON) ALUMINUM FOIL TAPE

**DESCRIPTION:** A 2 mil, (50 micron) high strength aluminum foil coated with an aggressive, high temperature acrylic adhesive system. The foil conforms well to both fibrous and sheet metal ducts, providing an excellent vapor seal. The malleable foil also conforms well around corners and to irregular surfaces. Coated with a special cold weather acrylic pressure sensitive adhesive system which combines superior quick stick at normal temperatures with superior low temperature performance below freezing - this is the ultimate in cold weather tapes. Recommended for use at normal and elevated temperatures also.

**APPLICATIONS:** Primarily used for vapor sealing fiberglass ductboard and sheet metal ducts; can also be used on FSK systems.

#### TECHNICAL DATA

	<u>IMPERIAL</u>	<u>METRIC</u>
<b>Total Thickness:</b>	3.25 mils (0.00325")	0.08255 mm
<b>Adhesion:</b>		
<b>Peel (PSTC #1):</b>	96 oz/inch width	27.1 N/2.5cm
<b>Shear (PSTC #7)</b>		
<b>Indefinite @:</b>	2.2 psi	15.2 kPa
<b>Tensile(PSTC #31):</b>	27 lbs/inch width	122 N/2.5cm
<b>Elongation(PSTC #31):</b>	4.4%	4.4%
<b>Low Temperature</b>		
<b>Application:</b>	-25°F	-32°C
<b>High Temperature</b>		
<b>Resistance:</b>	260°F	127°C
<b>Low Environmental</b>		
<b>Resistance:</b>	-35°F	-37°C

WVTR (100% RH) < 0.01 g per day  
100 in<sup>2</sup>

Conforms to British Standard BS 476: Part 7, Class 1; Part 6, Class 0.

U.S. Coast Guard approved for interior finish; Certificate of Approval No. 164.012/120/0

U.L. FILE NO.: R10984 Underwriters Laboratories Registered Trademark

**Flame Spread: 5**

**Smoke Developed: 10**



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## APPLICATION INSTRUCTIONS:

1. The surface to which the tape is to be applied should be free of oils, dust and dirt. The surface should be cleaned with a dry cloth.
2. The release liner should then be removed 1-2 feet at a time and the adhesive face pressed firmly on the insulation facing. Care should be taken not to stretch the tape tightly as this will create buckles and voids in the contact area. Care must also be taken to apply the tape on center so that there is adequate area on both sides of the joint for the tape to bond. Uneven width distribution also puts additional shear stress on the smaller side of the butt joint.
3. The tape should then be wiped firmly from the center out (like wallpaper) with the black soft side of the white plastic wiping tool enclosed with each carton. The more pressure that is applied, the more surface contact will be reached, therefore, the greater the bond surface.
4. The tape should then be cut and fitted with a knife and scissors. The same wiping instructions should be used as in Step #3.

## IMPORTANT INFORMATION:

The information cited is in good faith and has been established from sources held to be secure and reliable. The values listed are typical properties and are not intended to be used as specifications for defined applications. User must determine the product suitability for the end use application and assume all risks and liabilities. Please contact Venture Tape to discuss specification ranges. 3/24/99