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Technical Data Sheet

VentureClad

Product No.: 1577CW

Description: A five-ply laminate, made with 3 layers of aluminum foil (core and outer layers) and 2 layers of polyester film, 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. The construction of this specialty laminate makes it highly puncture and tear resistant as well as flame retardant. Water Vapor Permeability of zero perm.

Applications: This tape is primarily used as a facing for insulation. It is also used as a low temperature vapor barrier joint closure system.

TECHNICAL DATA

Adhesive Thickness:	2.0 mils (0.0020")	0.0508 mm
Substrate Thickness:	3.0 mils (0.0030")	0.0762 mm
Peel Adhesion (PSTC-1):	55 oz/inch	15.6 N/2.5 cm
Shear Adhesion (PSTC-7):	Indefinite @ 2.2 psi	Indefinite @ 15.2 kPa
Puncture (ASTM D-1000):	35.4 lbs	159.3 N
Tear (ASTM D-624):	4.3 lbs	19.4 N
Tensile (PSTC-31):	68 lbs/inch width	306 N/2.5 cm
Elongation (PSTC-31):	166%	166%
Maximum Continuous Use Temperature:	300°F	149°C
Minimum Application Temperature:	-10°F	-23°C

Water Vapor Permeability:	Zero Perm	
Release Liner:	70 lbs/ream	115 GSM

Polycoated natural kraft

UL Listed

Exceeds all requirements of UL723(25\50 Flame)\Smoke
BS 476, Part 6&7, Class 1; EN ISO 1716 3,5 MJ/m2(Calculated);
Building Regulation – Class 0

The information listed is in good faith and has been established from sources believed 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.