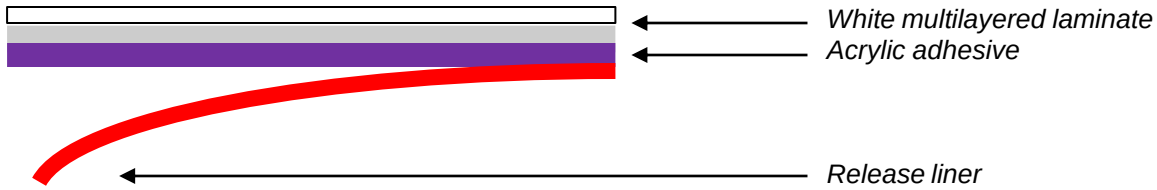
VentureClad® 1577CW-WM

JACKETING SYSTEM - WHITE

Venture Tape® VentureClad 1577CW-WM is a white zero permeability vapor barrier for insulation cladding and jacketing applications. A multilayered, self adhesive material installs quickly and easily with no special tools required, resulting in significant time, labor, and cost savings. VentureClad 1577CW-WM exceeds most building code requirements and can be used for new construction as well as repair on existing structures.

Product Construction



Features & Benefits

- *ASTM E84 (25/45 Flame/Smoke Rating)*
- *BS476 parts 6 & 7 class 'O'*
- *High performance jacketing product performs well over a wide temperature range*
- *Puncture and tear resistant*
- *Self adhesive material installs easily with no off-site fabrication required*
- *Meets FDA compositional requirements for indirect food contact (21 CFR 175.105 and 21 CFR 175.125; FDA: Indirect Food Additives: Adhesives and Components of Coatings)*
- *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*
- *Coast Guard 164.112/1121/WCL MED0290TE*

Test	Typical Value	Typical Value (Metric)	Test Method
Product Thickness Ω	8.0 mils	0.20 mm	PSTC-133
Peel Adhesion Δ	65 oz/in	18.0 N/25 mm	PSTC-101
Shear Adhesion	>24 hrs @ 2.2 psi	>24 hrs @ 15.2 kPa	PSTC-107
Tensile Strength	69 lb/in	312 N/25 mm	PSTC-131
Elongation	80 %	80 %	PSTC-131
Puncture	35 lbs	155 N	ASTM D1000
Emittance	0.80		ASTM C1371
WVTR	0.00 perm		ASTM E96
Service Temperature	-40 to 248 °F	-40 to 120 °C	

Ω - excluding liner

Δ - 20 minute dwell

Typical values are not intended to be used for specification development. Technical data is believed to be true and accurate; Venture Tape recommends that the purchaser test for fitness of use in all applications.

Product Configurations

- *Standard widths: 23" and 35½" and standard length: 50 yards*
- *Custom widths and lengths available, contact Venture Tape for specifications and requirements*

Contact Venture Tape today for a complete list of products or a free sample

Toll Free North America 800-343-1076
From United Kingdom 0-800-962-957
From Australia 1-800-122-797
www.venturetape.com

VentureTape®

GTA - NHT, Inc.
Venture Tape
30 Commerce Rd., Rockland, MA 02370
Tel 781-331-5900; Fax 781-871-0065
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VentureClad® 1577CW-WM

CHEMICAL RESISTANCE

Acids	Acetic acid (all concentrations) 50% formic acid 10% hydrochloric acid 30% hydrochloric acid 10% and 35% hydrofluoric acid 10% nitric acid 65% and 100% nitric acid 30% and 85% phosphoric acid 20% sulphuric acid Sulphur dioxide gas, dry >80% sulphuric acid	resistant resistant resistant partially resistant resistant resistant not resistant resistant partially resistant resistant not resistant
Aldehydes	Acetaldehyde Formaldehyde	resistant resistant
Alcohols	Benzyl alcohol Cyclohexanol Ethyl alcohol Glycerine Glycol Isopropyl alcohol Methyl alcohol	partially resistant resistant resistant resistant resistant resistant resistant
Aqueous alkaline solutions	Ammonium hydroxide Calcium hydroxide Sodium hydroxide	not resistant partially resistant not resistant
Chlorinated hydrocarbons	Carbon tetrachloride Chlorinated biphenyls Chloroform Trichloroethylene	partially resistant partially resistant resistant resistant
Esters	Ethyl acetate	resistant
Hydrocarbons	Aliphatic hydrocarbons Benzene Gasoline (petrol) Mineral oils Toluene Xylene	resistant resistant resistant resistant resistant resistant
Miscellaneous substances	Chlorine Hydrogen peroxide Oxygen Water	resistant resistant resistant resistant
Other organic solutions	Acetone Diethylether Nitrobenzene Phenol	resistant resistant not resistant not resistant
Salt solutions	Alkaline carbonates Bichromates Cyanides Fluorides	resistant resistant resistant resistant

Chemical resistance info based in part on vendor or independent test data.

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