

VentureGuard™-H

JACKETING SYSTEM




VentureGuard™-H (VentureGuard™ 1574CW®-H) is a chemical resistant vapor barrier for insulation cladding and jacketing applications. Self adhesive material installs quickly and easily with no special tools required, resulting in significant time, labor, and cost savings.

VentureGuard™ 1574CW®-H exceeds most building code requirements and can be used for new construction as well as repair on existing structures.

As the only real performance alternative to stainless steel, VentureGuard™ 1574CW®-H is the highest performing, highest value product on the market today.

FEATURES & BENEFITS

- VentureGuard™ 1574CW®-H features Hypalon® and is resistant to a wide variety of organic and inorganic chemicals (reference Chemical Resistance chart)
- Designed as an alternative to stainless steel jacketing, VentureGuard™ 1574CW®-H is ideal for use on piping, duct, and insulation in chemical processing, oil and gas refining, and transportation industries
- High performance jacketing product performs well over a wide temperature range; -30°F to +300°F (-34°C to +149°C) service temperature
- Contains tested and approved mold inhibiting agents 
- Self adhesive material installs easily with no off-site fabrication required
- Venture CW® cold weather acrylic adhesive applies easily at temperatures as cold as -10°F (-23°C)
- Self adhesive material installs easily with no off-site fabrication required
- Exceeds standard exterior building design requirements (UL 723 35/60 Flame Spread/Smoke Rating)

PRODUCT CONFIGURATIONS

- Standard widths: 20" (500mm), and 35½" (900mm)
- Standard length: 25 yards (23m)
- 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

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VentureTape®

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JACKETING SYSTEM

TECHNICAL PRODUCT SPECIFICATIONS

Specification	Typical Value	Typical Value (Metric)	Test Method
Material Thickness	26.25 mils	666.8 μm	PSTC-133
Adhesive Peel Strength	50 oz/in	14.3 N/25mm	PSTC-101
Adhesive Shear Strength	>168 hours	>168 hours	PSTC-107
Tensile Strength	1075 lb/in width	7247 N/25mm	PSTC-131
Elongation	1000%	1000%	PSTC-131
Application Temperature Range	-10°F to 248°F	-23°C to 120°C	
Minimum Continuous Use Temperature	-30°F	-34°C	
Maximum Continuous Use Temperature	300°F	149°C	
Flame Spread/Smoke Developed	35/60	35/60	UL 723
Water Vapor Permeability	0.053 perms	0.053 perms	ASTM E 96

VENTUREGUARD™-H CHEMICAL RESISTANCE

A Little or no influence
B Medium influence
C Strong influence

Fluid / Solution	Influence
Acetic acid	A
Acetic anhydride	A
Acetone	B
Aluminium sulfate (300 hrs)	A
Ammonia gas	B
Ammonia hydroxide	A
Ammonia sulfate	A
Amyl acetate	C
Asphalt	C
Barium hydroxide	A
Beer	A
Borax	A
Boric acid	A
Butane	A
Butyl acetate	C
Butyraldehyde	BC
Calcium bisulfite	A
Calcium hydroxide	A
Calcium hypochlorite 20%	A
Carbon dioxide	B
Carbon monoxide	B
Carbon tetrachloride	C
Chlorine gas, wet (14 days)	B
Chloroform	C
Chromium acid 20% (14 days)	A
Chromium acid 20% (14 days)	A
Chromium acid 50% (14 days)	A
Chromium acid 50% (14 days)	A
Citric acid	A
Cod-liver oil	B
Cotton seed oil (7 days)	A
Creosote oil	BC
Cyclohexane	C
Diacetone alcohol (4 days)	A
Diethyl sebacate	B
Diethyl sebacate	B
Diocetyl phthalate	B
Egg acetic acid	C
Egg acetic acid	B
Etching fluid 20% HNO ₃ , 4% HF	A
Ethyl acetate	C
Ethyl alcohol	A
Ethyl chloride	BC

Fluid / Solution	Influence
Ethylene dichloride	C
Ethylene glycol (14 days)	A
Ferric chloride, 15% (243 days)	A
Ferric chloride, 60% (1 year)	A
Fluor-Boric acid	A
Fluor-Silicon acid	A
Formic acid	A
Freon-12R (8 days)	A
Fuel oil	B
Furfural	B
Gelatin	A
Glucose	A
Glue	A
Glycerol	A
Greasing oil	B
Hexane	A
Hydrogen	A
Hydrogen chloride 20% (14 days)	A
Hydrogen chloride 20% (14 days)	A
Hydrogen chloride 38% (14 days)	A
Hydrogen chloride 38% (14 days)	A
Hydrogen cyanide	A
Hydrogen fluoride 48% (77 days)	A
Hydrogen fluoride gas (4 months)	A
Hydrolic oil	A
Isocetane	A
Isopropyl ether	B
Lacquer	C
Lactic acid	A
Lamp oil	C
Linseed oil	B
Magnesium chloride (30 days)	A
Magnesium hydroxide (30 days)	A
Maize oil	B
Mercury	A
Methyl alcohol	A
Methyl chloride	C
Milk	A
Mineral oil	A
Naphtha	BC
Naphthalene	C
Nitric acid 20% (14 days)	A
Nitric acid concentrated (7 days)	B

Fluid / Solution	Influence
Nitrobenzene (1 day)	C
Oleic acid	B
Oleum	C
Olive oil	B
Palmitic acid	B
Petrol	B
Phenol	BC
Phosphoric acid 20%	A
Phosphoric acid 70%	A
Phosphoric acid 85%	A
Picric acid	A
Potassium dichromate	A
Potassium hydroxide	A
Reference fuel B (70 hrs)	B
Ricinic oil	A
Soap solutions	A
Sodium hydroxide 20%	A
Sodium hydroxide 50%	A
Sodium hydroxide 73%	A
Sodium hypochlorite 22% (14 days)	A
Sodium hypochlorite 22% (14 days)	A
Sodium peroxide	A
Sodium salts	A
Soja bean oil	A
Stearic acid	B
Sulfur hydride	A
Sulfur oxide fluid (7 days)	A
Sulfur trioxide	B
Sulfuric acid 66 Bé (14 days)	A
Sulfuric acid 66 Bé (14 days)	A
Sulfuric acid 50% (14 days)	A
Tannic acid 10%	A
Tin II chloride	A
Toluene	C
Tributyl phosphate	C
Trichloroethylene	C
Triethylamine	A
Tung oil	A
Water (28 days)	A
Water (7 days)	A
Whisky & Wines	A
White spirit	C
Wine acid	A

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