

VentureGuard™ 1574CW®-H

J A C K E T I N G S Y S T E M



Venture Tape 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 metal jacketing, VentureGuard™ 1574CW®-H is ideal for use on piping 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 +248°F application surface temperature)
- **Venture CW® cold weather acrylic adhesive** applies easily at temperatures as cold as -30°F
- High puncture and tear resistance
- Self adhesive material installs easily with no off-site fabrication required
- UL Listed – exceeds all requirements of UL723

Product Configurations

- Standard widths: 20" and 35 ½"
- Standard length: 25 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

www.boma.it

VentureTape®
ISO 9001:2000 Certified



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VentureGuard™ 1574CW®-H

JACKETING SYSTEM

VentureGuard™ 1574CW®-H Chemical Resistance

Fluid / Solution	Test Temp.	Influence	Remarks
Acetic acid	93°C	A	
Acetic anhydride	79°C	A	
Acetone	RT	B	18 - 27% volume increase
Aluminium sulfate (300 hrs)	110 -121°C	A	
Ammonia gas	RT	B	10% volume expansion, 75% loss of tensile strength
Ammonia hydroxide	93°C	A	Bases have no influence
Ammonia sulfate	93°C	A	Salts have no influence
Amlyl acetate	RT	C	150% volume expansion
Asphalt	RT	C	Strong expansion expected
Barium hydroxide	93°C	A	Bases have no influence
Beer	RT	A	Little expansion
Berax	93°C	A	
Boric acid	93°C	A	
Butane	RT	A	Little expansion
Butyl acetate	RT	C	Strong expansion
Butyraldehyde	RT	BC	Strong expansion
Calcium bisulfite	93°C	A	Tube
Calcium hydroxide	93°C	A	Bases have no influence
Calcium hypochlorite 20%	93°C	A	3 years
Carbon dioxide	93°C	B	Lower permeability than Neoprene or Natural Rubber
Carbon monoxide	93°C	B	
Carbon tetrachloride	RT	C	Strong expansion
Chlorine gas, wet (14 days)	RT	B	35% volume increase
Chloroform	RT	C	Strong expansion
Chromium acid 20% (14 days)	22°C	A	- 0.8% volume increase
Chromium acid 20% (14 days)	70°C	A	5.6% volume increase
Chromium acid 50% (14 days)	22°C	A	1% volume increase
Chromium acid 50% (14 days)	70°C	A	-1.8% volume increase
Citric acid	RT	A	
Cod-liver oil	RT	B	
Cotton seed oil (7 days)	22°C	A	3.7% volume increase
Creosote oil	RT	BC	Medium to strong expansion
Cyclohexane	RT	C	110% volume increase
Diacetone alcohol (4 days)	RT	A	12% volume increase
Diethyl sebacate	RT	B	15% volume increase , 1 day
Diethyl sebacate	RT	B	80% volume increase , 5 days
Diethyl phthalate	RT	B	Medium to strong expansion
Egg acetic acid	70°C	C	Strong expansion in 1 month
Egg acetic acid	RT	B	60% volume increase
Etching fluid 20% HNO3, 4% HF	RT	A	
Ethyl acetate	RT	C	60 - 80% volume increase
Ethyl alcohol	93°C	A	Neglectable expansion
Ethyl chloride	RT	BC	Medium to strong expansion
Ethylene dichloride	RT	C	Strong expansion
Ethylene glycol (14 days)	70°C	A	No influence
Ferric chloride, 15% (243 days)	RT	A	
Ferric chloride, 60% (1 year)	RT	A	Pump membrane
Fluor-Boric acid	RT	A	
Fluor-Silicon acid	121°C	A	Container liner
Formic acid	RT	A	
Freon-12R (8 days)	RT	A	12% volume increase , 1 day
Fuel oil	70°C	B	
Furfural	RT	B	Medium expansion
Gelatin	93°C	A	
Glucose	93°C	A	
Glue	93°C	A	
Glycerol	93°C	A	
Greasing oil	93°C	B	
Hexane	RT	A	Little expansion
Hydrogen	RT	A	Lower permeability than Neoprene
Hydrogen chloride 20% (14 days)	22°C	A	1.2% volume increase
Hydrogen chloride 20% (14 days)	70°C	A	6.1% volume increase
Hydrogen chloride 38% (14 days)	22°C	A	1.9% volume increase
Hydrogen chloride 38% (14 days)	70°C	A	9.9% volume increase
Hydrogen cyanide	RT	A	

Fluid / Solution	Test Temp.	Influence	Remarks
Hydrogen fluoride 48% (77 days)	70°C	A	
Hydrogen fluoride gas (4 months)	121 - 149°C	A	Pipe liner
Hydrolic oil	RT	A	
Isooctane	RT	A	Little expansion expected
Isopropyl ether	RT	B	42% volume increase
Laquer	RT	C	Medium to strong expansion
Lactic acid	RT	A	
Lamp oil	RT	C	65% volume increase
Linseed oil	RT	B	Little expansion
Magnesium chloride (30 days)	104°C	A	Protective coating on steel
Magnesium hydroxide (30 days)	93°C	A	Bases have no influence
Maize oil	70°C	B	Medium expansion
Mercury	RT	A	
Methyl alcohol	93°C	A	
Methyl chloride	RT	C	250% volume increase
Milk	RT	A	
Mineral oil	RT	A	12% volume increase
Naphtha	RT	BC	65% volume increase
Naphthalene	RT	C	Strong expansion
Nitric acid 20% (14 days)	22°C	A	2% volume increase
Nitric acid 20% (14 days)	50°C	B	31.9% volume increase
Nitric acid concentrated (7 days)	22°C	B	10.1% volume increase
Nitrobenzene (1 day)	RT	C	60% volume increase
Oleic acid	RT	B	Medium to strong expansion
Oleum	RT	C	
Olive oil	RT	B	40% volume increase
Palmitic acid	RT	B	
Petrol	RT	B	60% volume increase
Phenol	RT	BC	
Phosphoric acid 20%	93°C	A	
Phosphoric acid 70%	93°C	A	
Phosphoric acid 85%	93°C	A	
Picric acid	RT	A	
Potassium dichromate	93°C	A	
Potassium hydroxide	93°C	A	
Reference fuel B (70 hrs)	25°C	B	51% volume increase
Ricin oil	70°C	A	
Soap solutions	93°C	A	
Sodium hydroxide 20%	93°C	A	
Sodium hydroxide 50%	141°C	A	
Sodium hydroxide 73%	136°C	A	
Sodium hypochlorite 22% (14 days)	22°C	A	- 0.3% volume increase
Sodium hypochlorite 22% (14 days)	70°C	A	- 0.2% volume increase
Sodium peroxide	93°C	A	
Sodium salts	93°C	A	Salts have no influence
Soja bean oil	RT	A	
Stearic acid	70°C	B	Medium expansion
Sulfur hydride	RT	A	
Sulfur oxide fluid (7 days)	RT	A	10% volume increase
Sulfur trioxide	RT	B	
Sulfuric acid 66 Bé (14 days)	22°C	A	3.3% volume increase
Sulfuric acid 66 Bé (14 days)	50°C	A	12.4% volume increase
Sulfuric acid 50% (14 days)	70°C	A	- 0.3% volume increase
Tannic acid 10%	RT	A	
Tin II chloride	93°C	A	
Toluene	RT	C	250% volume increase
Tributyl phosphate	RT	C	100-150% volume increase
Trichloroethylene	RT	C	300% volume increase
Triethylamine	70°C	A	
Tung oil	RT	A	
Water (28 days)	100°C	A	
Water (7days)	70°C	A	3.7% volume increase
Whisky & Wines	RT	A	
White spirit	RT	C	200% volume increase
Wine acid	93°C	A	

RT - Room Temperature

A Little or no influence
 B Medium influence
 C Strong influence



Venture Tape Offers a Complete Line of Jacketing Products

VentureClad™ 1577CW®

A 5-ply laminate for interior and exterior use, available in Natural (1577CW®), White (1577CW®-W), Black (1577CW®-B), and Stucco Embossed (1577CW®-E).

VentureClad™ 1579CW®

A 13-ply laminate for interior and exterior use, available in Natural (1579CW®) and White (1579CW®-W), both with and without adhesive. VentureClad™ 1579CW® is as tough as metal but installs easily with no off-site fabrication required.

VentureGuard™ 1574CW®-H

Chemical resistant Hypalon® for use in corrosive environments. VentureGuard™ 1574CW®-H is more durable and versatile than stainless steel but installs on-site for a fraction of the cost.



Contact Venture Tape for more information
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Delivering Solutions Every Day