


3M Science.
Applied to Life.™



3M™ VentureClad™ Insulation Jacketing System

Let's redefine the way we build.

Let's Build Smarter



3M™ VentureClad™ Insulation
Jacketing System

Your most complex projects, simplified.



Productivity

Cost effective and efficient.



Strength

Trusted durability.



Performance

Zero permeability.

Insulating a building's pipes and ducts is key to limiting undesired heat gain or loss, resulting in increased energy consumption. For insulation to remain effective, it is critical that it not be compromised by moisture intrusion. This can lead to decreased energy efficiency, performance issues, higher maintenance costs and corrosion under insulation.

So, we're redefining the way we build with a game-changing insulation jacketing system. 3M™ VentureClad™ Insulation Jacketing System helps you save time and labour costs with quick and easy installation and year-round application. Simplify your insulation process by using a zero permeability jacketing to help prevent moisture intrusion and corrosion. Experience the advantages of a durable, long-lasting solution for strength you can trust. We'll help you meet your most complex projects — and your biggest challenges — head-on.

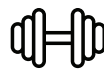
Together, we can build smarter.



Redefine productivity.

- Quick and simple install with no specialized tools, no sharp edges, fasteners or banding
- Can be applied in temps as low as -23°C (-9.4°F) with service range of -40°C (-40°F) to 120°C (248°F)
- Easily cut with standard scissors or utility knife
- Simple installation for reduced labour costs
- No glues, primers, activators or heat guns

Redefine strength.



- Highly resistant to punctures and tears
- Backed by a 10-year 3M warranty
- Durable, multi-ply laminate design
- Adhesion in cold, hot and humid conditions
- Easy to patch and repair



Redefine performance.







- Zero permeability, creating a moisture and vapour barrier
- Helps prevent corrosion and mould under insulation
- Excellent chemical resistance for protection in process areas
- Available in multiple colours, textures and sizes
- Proven, certified and compliant
 - ULC S101 classified/ASTM E 84
 - Greenguard Gold Certified — Qualifies for LEED credits

A variety of solutions built for your needs.

For Most Standard Applications

3M™ VentureClad™ Insulation Jacketing System
1577CW Series

	White Smooth	1577CW-WM
	White Embossed	1577CW-WME
	Natural Aluminum Smooth	1577CW
	Natural Aluminum Embossed	1577CW-E

Excellent Chemical Resistance: 1577CW-WM/1577CW-WME

Emittance Requirements: 1577CW-WM or 1577CW-WME
(White; Med.-High)/1577CW or 1577CW-E (Natural Aluminum; Low)

For Heavy-Duty Applications

3M™ VentureClad™ Heavy Duty Insulation Jacketing System
1579GCW Series

	Heavy-Duty White Smooth	1579GCW-WM
	Heavy-Duty White Embossed	1579GCW-WME
	Heavy-Duty Natural Aluminum Smooth	1579GCW
	Heavy-Duty Natural Aluminum Embossed	1579GCW-E

Product technical data. All products are classified as zero permeability.

Products	Product Thickness (excluding liner) mils (mm)	Peel Adhesion oz/in (N/25 mm)	Tensile lb/in (N/25 mm)	Puncture lb (N)
3M™ VentureClad™ Insulation Jacketing System – 1577 Series				
1577CW-WM – White, Smooth	7 (0.18)	80 (22)	108 (480)	33 (147)
1577CW-WME – White, Embossed	9 (0.23)	82 (23)	100 (445)	44 (194)
1577CW Natural Aluminum, Smooth	6 (0.16)	75 (21)	80 (355)	25 (112)
1577CW-E – Natural Aluminum, Embossed	9 (0.23)	83 (23)	74 (329)	27 (121)
3M™ VentureClad™ Insulation Jacketing Tape System – 1579 Series				
1579GCW-WM – White, Smooth	15 (0.38)	102 (28)	184 (818)	57 (253)
1579GCW-WME – White, Embossed	16 (0.40)	126 (35)	184 (818)	57 (253)
1579GCW – Natural Aluminum, Smooth	15 (0.38)	87 (24)	155 (690)	47 (210)
1579GCW-E – Natural Aluminum, Embossed	16 (0.40)	73 (20)	149 (663)	49 (218)

Learn how 3M's advanced technologies can help you build smarter. Visit [3M.ca/Insulation](https://3m.ca/Insulation) or contact your 3M representative 1-800-364-3577.



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