



# 3M™ VentureClad™ Enhanced Metal Jacketing 1577 and 1579 Series

Additional clear coat layer of protection making it more resistant and durable.

Zero-permeable jacketing for HVAC ductwork and pipes to protect against moisture, mould, ultraviolet (UV) and extreme environmental conditions. Backed by a 10-year 3M warranty.\*



## Durability

Aluminium multi-ply design contains an additional layer of protection.



## Reliability

Better resistance to punctures, tears, corrosion and mould under insulation.



## Productivity

Cuts and installs easily on-site with no special tools.

### Key Advantages

- Bonds and seals in cold, hot and humid conditions as low as -10 °F (-23 °C) with service range of -40 °F (-40 °C) to 248 °F (120 °C)
- Helps prevent corrosion and mould under insulation
- Protects against intrusion by vapour and chemical atmospheres as well as water, fungi, corrosion, oil and grease
- Designed to protect insulation materials, including fibreglass, polystyrene, mineral wool, elastomeric, phenolic foam, cellular glass, calcium silicate and conformable aerogel
- Easy to cut self-adhesive material with standard scissors or utility knife to help decrease labour costs
- Achieve a clean look with no sharp edges, fasteners or banding
- No need for glues, primers, activators or heat guns for most surfaces
- Easy to patch and repair
- Lowered installation costs compared to canvas and lag
- Greenguard Gold Certified – Qualifies for LEED® credits
- Available in multiple textures and sizes

### Key Applications

- Ideal for commercial and industrial construction to protect HVAC ductwork and pipes that reside inside and outside
- Easily fits rectangular and round shaped ductwork and pipes that have straight runs, bends and intersections, and for vessels
- Use as a weather protection system in extreme environmental conditions

\*10-year 3M warranty when applied per 3M installation guidelines



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## Product Technical Data

All products are classified as zero permeability.

Products	Product Thickness (excluding liner) mils (mm)	Peel Adhesion oz/in (N/25mm)	Tensile lb/in (N/25mm)	Puncture lb (N)
3M™ VentureClad™ Enhanced Metal Jacketing 1577 Series				
1577CW-EMJ Silver Smooth	7 (0.18)	80 (22)	100 (27)	35 (156)
1577CWE-EMJ Silver Embossed	9 (0.23)	80 (22)	100 (27)	35 (156)
3M™ VentureClad™ Enhanced Metal Jacketing 1579 Series				
1579CW-EMJ Silver Smooth	15 (0.38)	100 (27)	130 (36)	55 (245)
1579CWE-EMJ Silver Embossed	16 (0.40)	100 (27)	130 (36)	55 (245)

### Proven, certified and compliant.

- UL 723 classified/ASTM E 84
- Greenguard Gold Certified  
– Qualifies for LEED® credits
- CFIA
- FDA Compliant\*

\*U.S. Federal Food, Drug and  
Cosmetic Act and all applicable  
food additive regulations,  
including 21 C.F.R § 175.105

For more information, visit [3M.com/ventureclad-enhanced-metal](https://3M.com/ventureclad-enhanced-metal)



Scan to view  
product details.



**3M Industrial Specialties Division**  
3M Canada  
London, ON N6A 4T1  
1-800-3M-HELPS  
[www.3M.ca](https://www.3M.ca)

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