



# 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 insulated HVAC ductwork and pipes to protect against moisture, mold, ultraviolet (UV), and extreme environmental conditions. Backed by a 10-year 3M warranty.\*



## Durability

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



## Reliability

Better resistance to punctures, tears, corrosion and mold 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 mold under insulation
- Protects against intrusion by vapor and chemical atmospheres as well as water, fungi, corrosion, oil and grease
- Designed to protect insulation materials, including fiberglass, 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 labor 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 insulated 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)
<b>3M™ VentureClad™ Enhanced Metal Jacketing 1577 Series</b>				
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)
<b>3M™ VentureClad™ Enhanced Metal Jacketing 1579 Series</b>				
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://www.3m.com/ventureclad-enhanced-metal)



Scan to view product details.



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