



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



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

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://www.3m.com/ventureclad-enhanced-metal)



Scan to view product details.



3M Industrial Specialties Division
 3M Center, Building 225-3S-06
 St. Paul, MN 55144 USA
 Phone 1-800-831-0658
 Web 3M.com/BuildSmarter

Important Notice to User:

Product Use: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

Warranty and Limited Remedy: 3M warrants that each product will be free from defects in material and manufacture for 90 days from the date of purchase from 3M's authorized distributor. 3M MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If a 3M product does not conform to this warranty, the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

Limitation of Liability: Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted.

Please recycle. Printed in USA. © 3M 2024. All rights reserved. 3M and VentureClad are trademarks of 3M. Used under license in Canada. All other trademarks are property of their respective owners.