

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™ Insulation Jacketing Tape 1577 Series				
1577CW Natural Aluminum, Flat	7.0 (0.18)	65 (18.0)	69 (312)	25 (111)
1577CW-E - Natural Aluminum, Embossed	14.0 (0.36)	65 (18.0)	69 (312)	25 (111)
1577CW-WM - White, Flat	8.0 (0.20)	65 (18.0)	70 (316)	35 (155)
1577CW-WME - White, Embossed	19.5 (0.50)	65 (18.0)	69 (312)	35 (155)
1577CW-BM - Black, Flat	8.0 (0.20)	65 (18.0)	69 (312)	30 (133)
1577CWT - White, Flat	7.0 (0.18)	65 (18.0)	44 (199)	12 (54)
3M™ VentureClad™ Insulation Jacketing Tape 1579 Series				
1579GCW - Natural Aluminum, Flat	15.0 (0.38)	100 (27)	140 (616)	68 (302)
1579GCW-E - Natural Aluminum, Embossed	24.0 (0.61)	100 (27)	140 (616)	68 (302)
1579GCW-WME - White, Embossed	24.0 (0.61)	70 (19.4)	130 (588)	58 (257)
1579GCW-WM - White, Flat	17.5 (0.45)	100 (27.7)	130 (588)	58 (257)

Available sizes:
1577: 4", 23", 35-1/2", 46 x 50 yards
1579: 23", 35-1/2" x 25 yards
Custom sizes upon request.
Backed by a 10-year 3M warranty.

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.

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Performance and innovation at every turn



Building your Success on our Products



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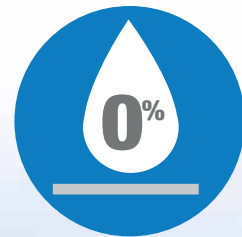


Ultimate, weatherproof jacketing system from 3M, a trusted leader in building technologies.

3M™ VentureClad™ Insulation Jacketing System is a zero permeability, self-adhesive jacket that delivers significant advantages over competitive cladding and traditional jacketing techniques.

Designed with Mechanical Engineers, Architects and Contractors in mind, this insulation weatherproofing system exceeds most building code requirements and installs quickly and easily on insulated pipe or duct with no special tools.

Long-term reliability and fast, simple application all rolled into one high performing insulation jacketing system. That's 3M innovation at work.



Zero permeability

- Absolute vapor barrier—including the overlap seams
- Prevents moisture from migrating into insulation
- Prevents corrosion under insulation (CUI)
- Helps prevent mold



Wide temperature range

- Applies easily at temperatures as cold as -10°F (-23°C)
- Service temperature range from -94°F to 300°F (-70°C to 148°C)



Easy, safe, low-cost application

- No sharp edges or screws
- No need for glue, primers, activators or heat guns
- Minimum training required
- Easily cut with standard scissors or utility knife



Exterior or interior

- Variety of colors—available in flat and embossed
- Combines vapor barrier function with aesthetic design
- Resistant to chemicals
- Superior adhesion in cold or hot and humid conditions



Tough & long-lasting

- Multi-ply laminate
- High puncture, tensile and tear resistance
- Easy to repair—if damaged simply tape over hole
- 10-year 3M warranty



Proven, certified, compliant

- UL 723 classified/ASTM E 84
- Army Corp of Engineers Listed
- GSA Listed
- LEED Compliant

3M™ VentureClad™ Insulation Jacketing System

The ultimate insulation weatherproof jacketing system.



3M™ VentureClad™ Insulation Jacketing System is available in a wide range of widths and lengths in flat and embossed finishes.

