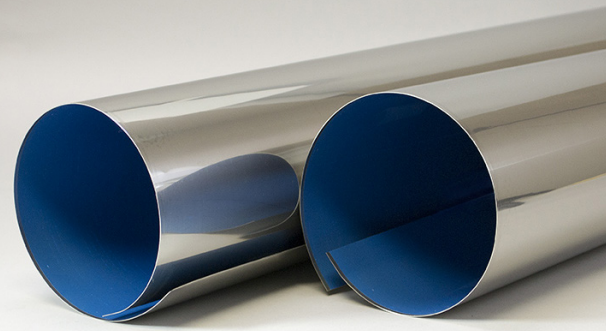


Technical Data Sheet

Aluminum Roll Jacketing

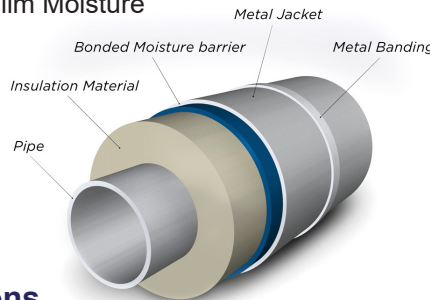


Product Description

MSCP's aluminum cladding is a protective outer jacket for use with mechanical insulation systems including piping, vessels and equipment. Engineered to protect insulation material from adverse weather, water ingress and UV exposure as well as physical damage and corrosive atmospheres. Available in two outer finishes, smooth & stucco emboss and with a 3mil thick polysurlyn moisture barrier for enhanced corrosion protection. Manufactured to the highest quality, MSCP's aluminum jacketing meets all relevant industry standards.

Features

Standards: ASTM B209, E84
 Thickness: .016 .020 .024 .032
 Width: 36"
 Roll Lengths: 50' 100' 200'
 Finishes: Smooth, Stucco
 Barriers: 3mil Polysurlyn Film Moisture



Material Specifications

Chemical Composition

Alloy	Si	Fe	Cu	Mn	Zn	Mg	Ti	Cr	Other Elements	Total
3003	0.6	0.7	0.05-0.20	1.0-1.50	0.10	-	-	-	0.05	0.15
3105	0.6	0.7	0.30	0.30-0.80	0.40	0.20-0.80	0.10	0.20	0.05	0.15

Polysurlyn Moisture Barrier

Polysurlyn Moisture Barrier (PSMB) is an engineered three-layer film of polyethylene and Surlyn* polymers with a total film thickness of 3 mils. The Polysurlyn layer is heat laminated in our factory to the interior surface of all our metal jacketing. This helps to prevent pitting, crevice, and galvanic corrosion of the interior surface of the metal jacketing ensuring a long life and great appearance when installed.

*Surlyn is a trademark of DuPont

MSCP aluminum sheet can be used as:

- Aluminum Jacketing is recommended for HVAC, Insulated Piping, Tanks and vessels less than 8 feet in diameter.
- Deep corrugated sheets are recommended for diameters great than 8 feet.
- Chemical Plants & Refineries: Distillation columns, tank farms, fractionation units, cokers and ethylene production units.
- Paper Mills: Chemical storage tanks, breechings and ducts.
- Steel Mills: Pickle acid tanks, oxygen production units, fuel oil and tar storage tanks.
- Miscellaneous: Power station, food processing plants, LPG storage units, LNG storage units, sewage and waste water treatment plants.