

BARE ALUMINUM ROLL JACKETING

WITH NO MB

PRODUCT DESCRIPTION

Ideal Products Bare Aluminum Roll Jacketing is fabricated without an interior moisture barrier from 3003 or 3105 aluminum and conforms to ASTM B209. Both the exterior and interior surfaces are mill finish. Roll jacketing is available in thicknesses from .016" to .040" in widths of 36" or 48".

PRODUCT APPLICATION

Ideal Products Bare Aluminum Roll Jacketing is manufactured to be used in various cladding applications particular to mechanical insulation systems where the heat requirement exceeds the melting point of the polyfilm moisture barrier. The metal can be cut and rolled to fit around straight pipe, bends, and vessels, or fabricated into various other cladding applications like beveled collars, endcaps, and gored peels including tank heads. For greater levels of corrosion resistance, Ideal Products SST jacketing should be used. To select the correct or best suited type of cladding for your application, please refer to Ideal Products metal jacketing application guidelines, or ASTM C1729 & ASTM C1767.

RECOMMENDED APPLICATION THICKNESS

ALUMINUM PIPE JACKETING *min. thickness*

OUTER INSULATION DAIMETER (in.)	MIN. ALLOWABLE ALUMINUM THICKNESS (in.)	
	RIGID Insulation	NON-RIGID Insulation
≤ 8	0.016	0.016
over 8 – 11	0.016	0.020
over 11 – 24	0.016	0.024
over 24 – 36	0.020	0.032
over 36	0.024	0.040

*as per ASTM C1729

PHYSICAL PROPERTIES

FINISHES

SMOOTH PLAIN MILL | STUCCO EMBOSSED | CROSS CRIMP

MATERIAL SPECIFICATIONS

ALLOYS	3003, 3105
TEMPERS	H14, H24
THICKNESSES	0.016", 0.020", 0.024", 0.032", 0.040"
MOISTURE BARRIERS	No Moisture Barrier
EXTERIOR COATING	None
MELTING POINTS	Aluminum: 660°C (1220°F)
ASTM E84 Flame Spread/ Smoke Development	25/50 or Less
ASTM C1371 Surface Emittance	>0.04 New; >0.01 Oxidized in Service
ASTM C1729 Type, Grade, Class	Type 1, Grade 1, Class E

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