Metal Jacketing Specialists
RPR Products, Inc.

INSUL-MATE™
Aluminum Jacketing

DESCRIPTION/SPECIFICATIONS

RPR Products Insul-Mate™ Aluminum Jacketing is manufactured from wrought aluminum alloy 3003 or 3105 meeting ASTM standard B209 with an H-14 temper. The properties of these aluminum alloys provide the required strength to resist in-service abuse, but can be easily fabricated and installed. The attractive mill finish maintains its sharp appearance, a necessity for any insulation project. Aluminum's resistance to atmospheric corrosion makes its use ideal, even in marine, chemical, industrial environments, or in industries processing food or beverages. Aluminum has an excellent resistance to corrosion which reduces cost through long service, without maintenance or painting.

Standards:	ASTM B209
Thicknesses:	.016" (.4mm), .020" (.5mm), .024" (.6mm), .032" (.8mm), .040"(1.0mm)
Widths:	36" (914mm) and 48" (1219mm), Other widths available upon request
Lengths:	50'(15meters), 100' (30meters), 200' (60meters), 300'(90 meters), Coils (specify lengths), Flat Sheets (cut to length), Cut & Rolled (to specific lengths)
Profiles:	See Industrial Jacketing Data Sheet

FINISHES

Smooth, stucco embossed, 3/16" corrugated* (TVR) and corrugated stucco embossed (TVR)*.
*Corrugated is supplied in thicknesses up to .032" (.8mm) in 36" & 48" wide, .032" in 36" wide only
*Corrugated is supplied in 100 LF after corrugating.
For added protection a moisture retarder can be applied to the inside of the metal. (See Moisture Data Sheet)

MOISTURE RETARDER

Insul-Mate™ Aluminum Jacketing products can be supplied with a 40# kraft (1 1/2 mil polyethylene) or a 3 mil polysurlyn moisture retarder which is heat and pressure bonded to the interior surface. A moisture retarder helps prevent galvanic corrosion caused by contact of dissimilar metals in the presence of moisture or chemical corrosion caused by installing sheets over damp insulation materials. (See Moisture Retarder Data Sheet)

RPR fabricates aluminum jacketing into precut – cut and rolled or flat cut pieces. Pieces are cut to accommodate various pipe and insulation sizes. They are produced to ASTM standards for industrial or commercial applications.

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