AMITY INSULATION
DISTRIBUTORS & FABRICATORS

PROUDLY CANADIAN

ALUMINUM JACKETING



CHARACTERISTICS

Aluminum Jacketing is made from top quality aluminum in a wide selection of finishes and thicknesses. Our aluminum jacketing is manufactured from wrought aluminum alloy 1100, 3003 and 3105-H14 meeting ASTM B209. The jacketing is designed to be easily installed on insulation materials. All Amity Insulations jacketing is available in rolls or cut and rolled to meet most specifications.

STANDARDS:	ASTM B209	**THICKNESS:**	.016" (.4mm), .020" (.5mm), .024" (.6mm), .032" (.8mm)
WIDTH:	36" (914.4mm)	**LENGTH:**	50' and (15.24m) 100' (30.48m) rolls depending on thickness

FINISHES

Smooth and Stucco Embossed. 3/16" (4.76mm) cross crimped corrugation is also available.

MOISTURE BARRIER

We offer a variety of moisture barriers to meet your needs as follows:

Polysurlyn moisture barrier consists of a 3 mil thickness three layer co-extrusion of polyethylene and surlyn polymers which are heat laminated. This moisture barrier is laminated to the interior surface of metal jacketing for mechanical insulation for protective purposes. The inner layer is mainly low density polyethylene for adhesion after lamination, the middle layer is surlyn used for strength and the top layer is high density polyethylene used for abrasion resistance.

Painted Type II moisture barrier is used for corrosion and chemical resistance. Coils are prepainted as follows:

TOP SIDE:	Clear polyester applied in two coats
BOTTOM SIDE / MOISTURE BARRIER:	Blue tinted polyester applied in two coats.

All painted jacketing has an emittance factor in the 0.8 range, which gives a significantly lower surface temperature as compared to conventional aluminum jacketing.

TOLERANCES

Material is ordered at the lower limit of tolerance for all thicknesses. This may possibly result in thinner material than the AISI/ASTM B209 standards for aluminum jacketing. Thickness is based upon commercial mill tolerances therefore comparative thicknesses may vary by supplier.

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