



AMITY INSULATION GROUP INC.

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DATA SHEET

STAINLESS STEEL JACKETING

Stainless Steel Jacketing is mainly supplied in 300 series material. This offers exceptional formability, corrosion resistance, toughness and mechanical properties. As a result they are widely used for insulation, construction, roofing, industrial cladding, profiling, ducting and many other applications. 300 series stainless steel are non-magnetic in the annealed condition. Most common grades used are 304 and 316 which exhibits much better corrosion resistance than type 304. Stainless steel jacketing can be ordered with or without a heat laminated moisture barrier and is supplied with a 2B mill finish to reduce glare. Available in 50 LF (15.2M) rolls or cut and rolled to your specifications.

STANDARDS: ASTM A240
THICKNESS: .010" (.25mm), .016" (.41mm), .020" (.51mm)
WIDTH: 36" (914.4mm) wide.
LENGTH: 50' (15.24m) and 100' (30.48m) rolls

FINISHES

Smooth and Stucco Embossed.

MOISTURE BARRIER

We offer a variety of factory applied moisture barriers to meet your metal jacketing needs as follows:

A factory applied heat laminated moisture barrier on the underside is available. This moisture barrier is a coextruded film which uses DuPont™ Surlyn® and polyethylene in a three layer composition to ensure the elimination of pin-holes, imparting excellent moisture resistance property to the film. The barrier isolates the jacketing material from underlying layers of insulation, avoiding any metal-to-metal contact to prevent corrosion. Total thickness of the film is 3 mil (75 µm).

A 40 pound kraft paper (special order), coated with one-mil thick, low density polyethylene film, heat and pressure bonded to the interior surface.

COMPLETE SYSTEM

Amity Insulation carries a wide variety of industrial insulation, metal jacketing and accessories to meet your requirements. The complete insulation system can be ordered from one source and delivered directly to the job site or your warehouse in the same shipment, saving time, money and ultimately improving efficiencies.

