

**DESCRIPTION**

ITW's Thermoclad® Plus Aluminum Roll Jacketing has a highly durable thermosetting enamel coating on both sides PLUS a factory heat laminated 3 mil three layer co-extruded Polysurlyn film on the interior.

The specially formulated coatings used on ITW's Thermoclad® Plus are designed to protect the aluminum substrate and provide many years of service for the jacketing system. The clear coat exterior provides better resistance to metal oxidization and to the effects of various corrosive environments than mill finish aluminum. It resists water and fingerprint staining.

The combination of a protective thermosetting enamel interior coating PLUS a 3 mil three layer co-extruded Polysurlyn film provides the ultimate in corrosion protection on the interior.

Thermoclad® Plus Aluminum Jacketing is manufactured in our ISO 9001 quality system certified plants using 3000 series aluminum alloys conforming to ASTM B-209.

Due to Thermoclad® Plus aluminum's excellent emittance values, it can improve personnel protection on hot piping and equipment, and insulation efficiencies on cold piping and equipment outdoors.

**RECOMMENDED USES**

**Thickness**

**(Inches) Suggested Applications**

**.016"** Smooth, stucco embossed, or 3/16"  
 (.4mm) corrugated recommended on pipelines up to 24" O.D. including insulation.

**.020"** Primarily used for Deep Corrugated  
 (.5mm) sheets (1 ¼" or 2 ½") to protect insulated towers, tanks and vessels. A heavier weight jacketing used smooth, stucco embossed or 3/16" corrugation on large diameter lines. Most popular for use in areas subject to heavy traffic and abuse.

**.024"** Used for special application where extra  
 (.6mm) strength and protection is required.  
 &  
**.032"** It may be Deep Corrugated for towers,  
 (.8mm) vessels, tanks and equipment.