



# ROLLED ALUMINUM / STAINLESS STEEL JACKETING

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## DESCRIPTION

**SMI Aluminum Roll Jacketing** is manufactured from 3003 Alloy H-14 or 3105 Alloy in conformance with ASTM B-209 and ANSI H35-2. The 3003 alloy contains .12% Copper and 1.2% Manganese which allows for easy bending and shaping.

**SMI Stainless Steel Jacketing** is manufactured from T304, or T316 by special order; and conforms to ASTM A240. T304 contains 18-20% chromium and 8-10.5% nickel whereas T316 contains 16-18% chromium, 10-14% nickel and 2-3% molybdenum. SMI recommends T316 for more severe corrosive environments, such as low concentrations of sulfuric acid, or higher concentrations of acetic acid or seawater.

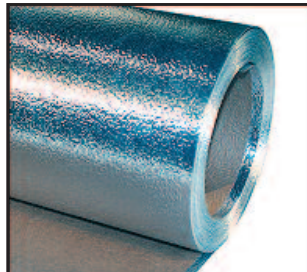
## BOTH PRODUCTS

All products generally come in a standard mill finish, but bright annealed is available by special order. The products are sold in rolls of 50' to 100' depending on thickness. Custom roll lengths are available on request. The product is available with polyethylene/kraft, polyethylene and Surlyn®, or no vapor retarder as per customer request.

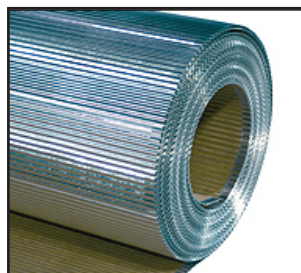
## USES

SMI Aluminum and Stainless Steel Jackets are recommended to help protect insulated pipe and tank systems from mechanical damage and weather intrusion when installed in a properly designed system. Standard Nominal Aluminum Thickness are .016", .020", .024", .032", .040" and Standard Nominal SS Thickness are .010", .016", .020" with other sizes available. Three styles are available: Stucco Embossed (SE), 3/16" Corrugated (CO), and Smooth (SM). Please consult a design engineer for a detailed system based on your specific needs.

### SE



### CO



### SM

