

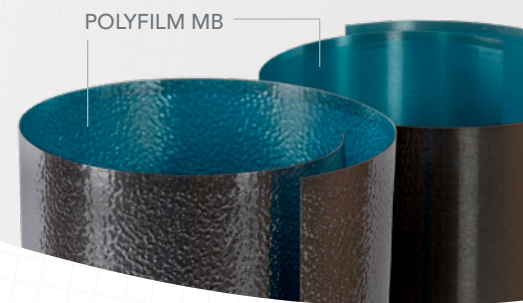


SAFETYJACS®

SAFETYJACS® PLUS { PIGMENTED POLYESTER PAINTED }

STAINLESS STEEL ROLL JACKETING

WITH POLYFILM MB (PFMB)



PRODUCT DESCRIPTION

Ideal Products' Painted Polyester Stainless Steel Jacketing is produced from T-304 and T-316 stainless steel, meeting ASTM A-240 standards. Stainless Steel Jacketing has superior corrosion resistive properties, and when painted, we are adding an extra layer of protection in caustic and high corrosion areas. Ideal Products' Stainless Steel Roll Jacketing has a soft-annealed temper, making it easy to handle and fabricate. The exterior of the Stainless Steel Roll jacketing is a medium gloss painted surface for a clean look resulting in a total hemispherical emittance greater than 0.8. The interior of Stainless Steel Roll Jacketing has a 3 mil thick co-extruded polyethylene moisture barrier to protect against galvanic corrosion of the jacket.

RECOMMENDED APPLICATION THICKNESSES

STAINLESS STEEL PIPE JACKETING *min. thickness**

OUTER INSULATION DAIEMETER (in)	MIN. ALLOWABLE THICKNESS (in)
≤ 8	0.010
over 8 – 11	0.010
over 11 – 24	0.010
over 24 – 36	0.016
over 36	0.020

*as per ASTM C1767

PHYSICAL PROPERTIES

FINISHES

SMOOTH PLAIN MILL | STUCCO EMBOSSED | CROSS CRIMP

COLORS

A large variety of colored exterior finishes can be added to Stainless Steel Roll Jacketing for desired preferences or to reach specific emissivity levels. Please refer to Ideal Products standard color chart below for reference. Other colors are available upon request.

PRODUCT APPLICATION

Stainless Steel Roll Jacketing is mainly used to provide physical damage resistance, corrosion resistance, fire resistance, UV protection, and to help prevent liquid water from entering the insulation system. Typical, but not limited to, applications include piping, tanks, vessels, and other mechanically insulated or non-insulated equipment.

MATERIAL SPECIFICATIONS

ASTM A240	Standard Specification for Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for General Applications
ALLOYS	T304/T304L; T316/T316L
TEMPERS	Annealed
THICKNESSES	0.010", 0.016", 0.020", 0.024"
MOISTURE BARRIERS	Bare or Factory Applied Co-extruded 3 mil Polyethylene Film
MELTING POINT	T304: 1400–1450 °C (2552–2642 °F) T316: 1370–1400 °C (2498–2552 °F) polyfilm: 105–115 °C (221–239 °F)
ASTM E84 Flame Spread/Smoke Development	25/50 or less
ASTM C1371 Surface Emittance	> 0.80
ASTM C1767	T304: Type II, Grade 1, Class A T316: Type II, Grade 2, Class A

Safer. Smarter. Faster.

