

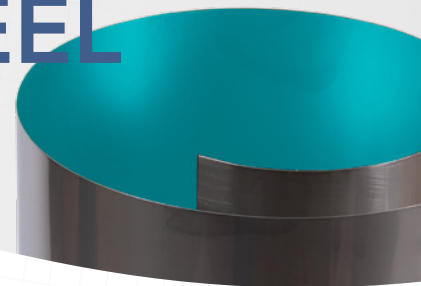


SAFETYJACS®

SAFETYJACS® ULTIMATE { 70% PVDF/30% POLYESTER }

PAINTED STAINLESS STEEL ROLL JACKETING

WITH POLYFILM MB (PFMB)



PRODUCT DESCRIPTION

Ideal Products' 70% PVDF/30% Polyester Painted Stainless Steel Jacketing is produced from T-304 and T-316 stainless steel, meeting ASTM A-240 standards, and gives the greatest protection in high corrosion and caustic areas making this the ideal jacket for saltwater environments and LNG plants. Ideal Products' Stainless Steel Roll Jacketing has a soft-annealed temper, making it easy to handle and fabricate. The exterior of the Stainless Steel has a coating of 70% PVDF/30% Polyester and is available in Gray and White and has a total hemispherical emittance rating greater than 0.83. 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.

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.

PHYSICAL PROPERTIES

FINISHES

SMOOTH 2B MILL | STUCCO EMBOSSED | CROSS CRIMP

COLORS

Available in gray and white PVDF/polyester painted colors.

PVDF/POLYESTER PAINTED COLORS



Color chips shown are standard colors and may not represent an exact match.

RECOMMENDED APPLICATION THICKNESSES

STAINLESS STEEL PIPE JACKETING *min. thickness*

OUTER INSULATION DAIKETER (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

MATERIAL SPECIFICATIONS

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	Smooth Bare: >0.8
ASTM C1767	T304: Type V, Grade 1, Class A T316: Type V, Grade 2, Class A

Safer. Smarter. Faster.

