

# Insulrap 30 NG

## Product Overview



*Insulrap 30 NG is the "Next Generation" of self-healing vapor barrier membranes used as a moisture and vapor retarder under mechanical jacketing on insulated piping systems used in ammonia refrigeration, oil and gas, LNG, cryogenic and chemical processing applications. I-30-NG is comprised of a white, smooth finish that will stretch and flex to accommodate movement of the substrate. This 30 mil thick vapor barrier composite membrane consists of a tough polymer/foil laminate film coated with a layer of rubberized-asphalt specially formulated for use in these applications. The "peel and stick" product consists of a built-in disposable silicone-coated release liner to make application quick and easy. I-30-NG offers exceptional longitudinal stability, self-healing, and zero perms making it the obvious choice of below ambient systems.*

Properties	Solar Reflectance	Thermal Emittance
Color		White
Total Product Thickness (w/o liner)	Micrometer	30 mils
Weight per SqFt.	Scale	0.185 Lbs
Water Vapor Transmission	ASTM E96-00 Procedure A	0.00 perms
Breaking Strength	ASTM D882	37 Lbs/in (M) 46 Lbs/in (T)
Puncture Resistance	ASTM E154	84 Lbs.
Overlap Adhesion	ASTM D1000	>8.5 lb/in
Service Temperature (Max)	LAB	160°F



White, and has a smooth surface



Industry proven over 20 years and millions of square feet of insulated pipe



Moisture and Vapor retarder



Can be used in burial applications



Self-healing



Peel and Stick



30 mil thick



Superior elastomeric properties to expand and contract with substrate

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