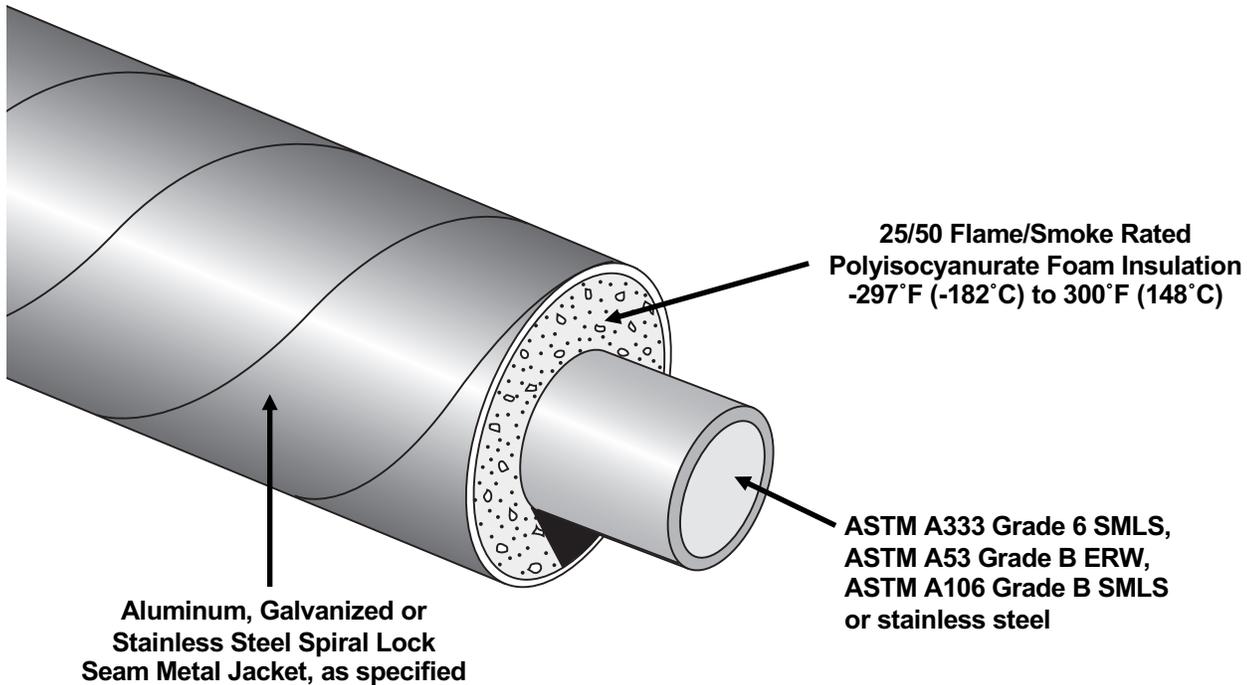


Insul-8[®] Above Ground Cryogenic Piping

Above Ground for Propane (- 47°F, - 43°C), Butane (- 5°F, - 20°C)
& LNG (- 260°F, - 162°C)



Rovanco's Above Ground Cryogenic Piping is designed for piping above ground suitable for indoor and outdoor applications. Non-Flammable polyisocyanurate insulation and durable metal jacket supplied 20' or 40' lengths, means an economical, high-quality system.

Rovanco's Above Ground Cryogenic Piping is provided with spiral lock seam on a metal jacket of aluminum, galvanized or stainless steel. These jackets can be supported from the outside with maximum supports spans. Fittings are field insulated with material supplied by Rovanco.

The Piping comes complete with metal covers, insulation, fittings and banding to make the installation completely watertight for above grade applications.

To find out more about Rovanco's Above Ground Cryogenic Piping System, you can visit our factory, phone us (815) 741-6700, fax us (815) 741-4229, visit our website at www.rovanco.com or e-mail us at marketing@rovanco.com.

This is a generic product datasheet and is not intended for submittal use.

SPECIFICATIONS For Insul-8® Above Ground Cryogenic Piping System

Carrier Pipe Type:

2" to 24" carrier pipe shall be 20' or 40' lengths.

Insulation:

300°F cryogenic foam insulation has an initial K factor of .14, density of 2.0, closed cell content of >90%, compressive strength of 30 psi, and continuous service temperature of -297° F (-182°C) to 300° F (148°C). Conformance with ASTM Standards D1621, 1622, 2126, 2842, 2856, C518 and E96. Completely filling the annular space between the carrier pipe and jacketing. Provide written independent performance certification with submittals. Meets 25/50 Flame/Smoke Rating ASTM E-84.

Insulation shall have a nominal thickness of 2" and could be increased dependent on the heat loss calculations.

Jacket Material:

Shall be spiral lock seam aluminum, galvanized steel or stainless steel in accordance with ASTM A366 and ASTM A256 G90 or as specified.

See Table 1 for metal jacket thickness.

Table 1:

Jacket Size In Inches	Aluminum Jacket Spiral Aluminum with impact and Chemical resistance equivalent to H-14 Temper T-3003 in accordance with ASTM-B 313 specifications	Galvanized Steel Jacket Spiral Seam Galvanized Steel in accordance with ASTM A-366 ASTM A-26 G90.	Stainless Steel Jacket Spiral Seam Stainless Steel in accordance with ASTM A-366 ASTM A-26 G90.
4	22 Gauge	26 Gauge	26 Gauge
6	22 Gauge	26 Gauge	26 Gauge
8	22 Gauge	26 Gauge	26 Gauge
10	22 Gauge	26 Gauge	26 Gauge
12	22 Gauge	26 Gauge	26 Gauge
14	18 Gauge	22 Gauge	22 Gauge
16	18 Gauge	22 Gauge	22 Gauge
18	18 Gauge	22 Gauge	22 Gauge
20 & larger	18 Gauge	22 Gauge	22 Gauge

cc #04032024

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Contact Rovanco® for the name of your local Representative

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