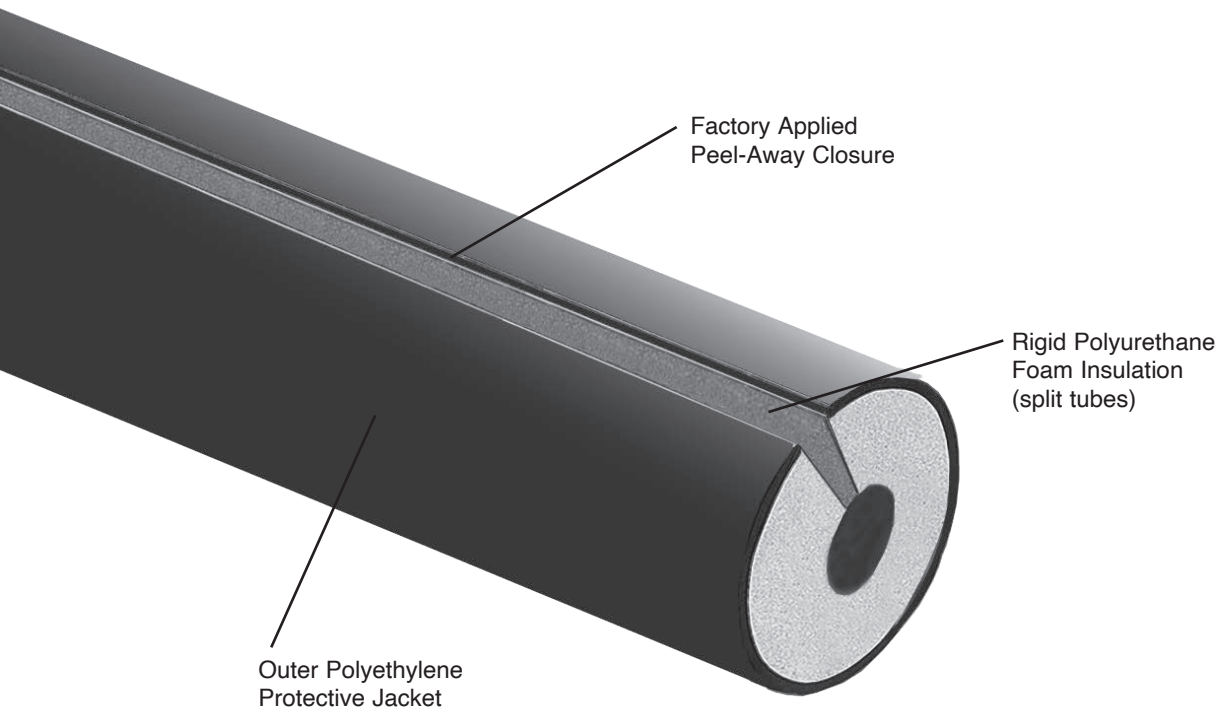


Rovanco's Pexgol Insulation System

Split Insulation & Protective Jacket for Field Installation



Rovanco's Pexgol Insulation System is designed to be a space saving solution so large diameter PE-XA carrier pipes can be ordered and transported to the field in coils as large as 2,500 feet in length.

After the large diameter, PEX coils of carrier pipe are installed, these 20' lengths of split insulation, can easily be wrapped around the installed carrier pipe line.

Rovanco's Pexgol Insulation System features rigid polyurethane foam insulation that can handle fluids up to 200°F. The protective outer jacket is a blue

or red polyethylene tape specifically formulated for below grade applications and is 15 mils thick. A factory applied peel-away closure is included so insulation tube can quickly & easily secured around the carrier pipe in the field.

To find out more about Rovanco's Pexgol Insulation System, you can visit our factory, phone us (815) 741-6700, fax us (815) 741-4229, visit our web site at www.rovanco.com or e-mail us at marketing@rovanco.com.

* For higher temperatures, consult factory.

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

Rovanco's Pexgol Insulation System

For the Field Insulation of Large Diameter Bare Carrier Pipes

General:

The pipe shall be insulated using the Rovanco Pexgol Insulation System polyurethane insulation with blue or red polyethylene protective tape jacket and integral sealing system. The insulation of associated fittings and accessories shall be as per Rovanco's recommendations. The product shall be manufactured in accordance to ISO 9001 Standards or approved equal.

Insulation:

Material: Rigid Polyurethane foam in split tubes

Thickness: Nominal 50.8 mm (2 inches)

Density: (ASTM D1622)
35 to 48 kg/m³ (2.2 to 3.0 lbs/ft³)

Closed Cell Content:
(ASTM D6226) 90% minimum

Water Absorption: (ASTM D2842)
4.0% by volume

Thermal Conductivity: (ASTM C518)
0.020 to 0.025 W/m °C
(0.14 to 0.17) Btu • in/ft² • hr • °F

Temperature Range: Cryogenic
to 93.3°C (200°F)

Standard Length: 6.1 meters (20 feet)

Compressive Strength:
(modified ASTM D1621 with 0.38mm
(15 mils) polyethylene jacket)
approximately 103 kPa (15 psi)

Outer Jacket Characteristics:

Jacket Material: Blue or red polyethylene tape specifically formulated for below grade applications.

Sealant: Butyl rubber and resin

Jacket Thickness: 0.38mm (15 mils)

Minimum Elongation:
(ASTM D1000) 300%, 6 month test

Tensile Strength: (ASTM D1000)
6.83 kg/cm wide (38 lbs/in wide)

Pipe Joints & Seams:

The Rovanco Pexgol Insulation System seams shall be sealed with 152,4mm (6 inches) wide factory applied peel-away closure. The Rovanco Pexgol Insulation System joints shall be sealed with 152,4mm (6 inches) wide field applied hand wrap tape.

Approved Vendors:

Pexgol Insulation System by Rovanco, Joliet, Illinois. Any alternate supplier must be ISO Certified and submit their technical data to the engineer ten days prior to bid date to be approved in writing as an equal.

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PEXGOL^{NRG}
LARGE DIAMETER PEX-a CARRIER PIPE

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