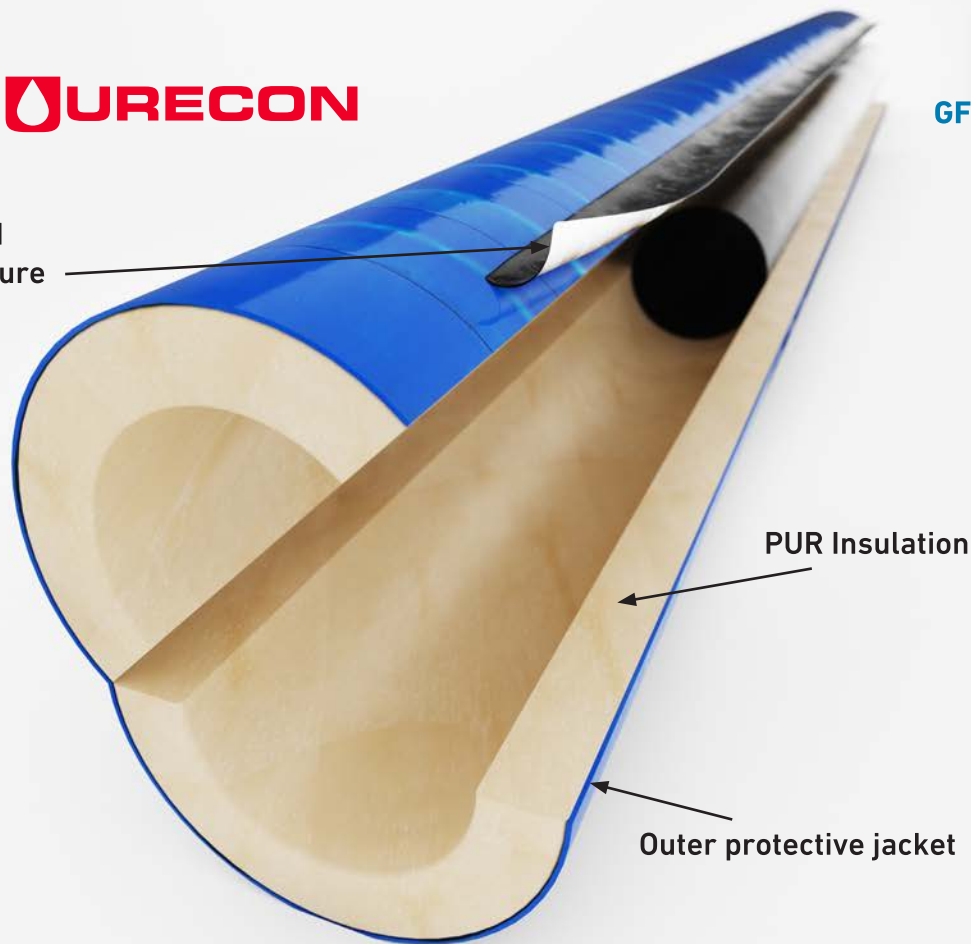


Factory applied
peel-away closure



PUR Insulation

Outer protective jacket

PUR-SplitTube™ Specifications

U.I.P.® insulation for field installation Buried application

GENERAL

The pipe shall be insulated using the unique PUR-SplitTube™ U.I.P.® polyurethane insulation with blue polyethylene protective tape jacket, as supplied by GF Urecon Ltd. The insulation of associated fittings and accessories shall be as per GF Urecon's recommendations. The product shall be manufactured in accordance to ISO 9001 Standards, or approved equal.

INSULATION

- a) Material: Rigid polyurethane foam in split tubes
- b) Thickness: Nominal 50.8 mm (2 in).
- c) Density: (ASTM D1622) 35 to 48 kg/m³ (2.2 to 3.0 lbs/ft³).
- d) Closed cell content: (ASTM D6226) 90%, minimum.
- e) Water absorption: (ASTM D2842) maximum 4.0% by volume.
- f) Thermal conductivity: (ASTM C518) 0.020 to 0.025 W/m°C (0.14 to 0.17 Btu • in/ft² • hr • °F).
- g) Temperature range: Cryogenic to 93.3 °C (200 °F).
- h) Standard length: 6.1 m (20 ft).
- g) Compressive strength: (modified ASTM D1621 with 0.38 mm (15 mils) polyethylene jacket) minimum 207 kPa (30 psi).

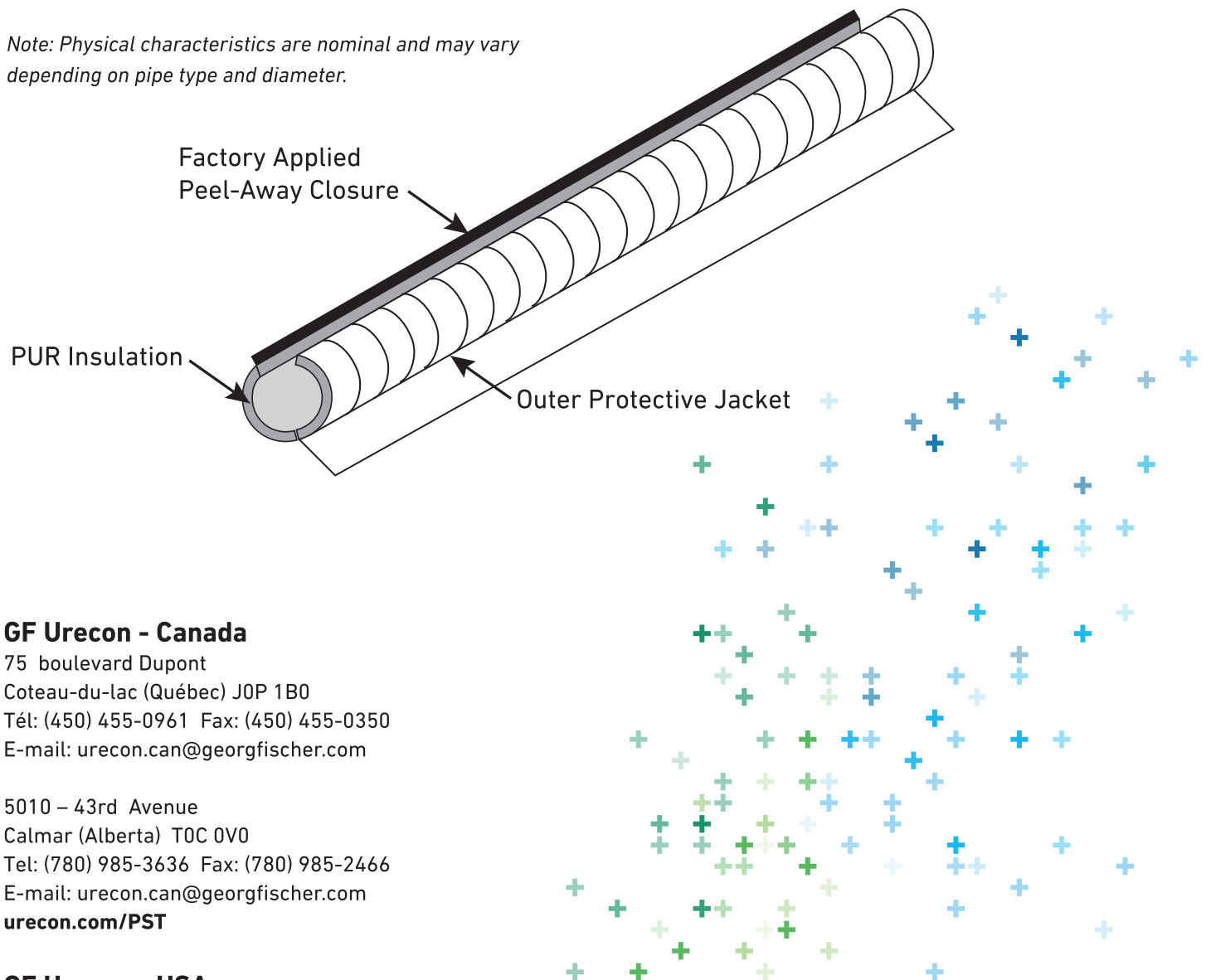
OUTER JACKET CHARACTERISTICS

- a) Jacket material: blue polyethylene tape specially formulated for below grade applications;
- b) Sealant: butyl rubber and resin;
- c) Jacket thickness: 0.38 mm (15 mils)
- d) Minimum elongation: (ASTM D1000) 300%, 6 months test;
- e) Tensile strength: (ASTM D1000) 6.83 kg/cm wide (38 lbs/in wide).

PUR-SplitTube™ U.I.P.® PIPE JOINTS & SEAMS

The insulated PUR-SplitTube seams shall be sealed with 152,4 mm (6 in) wide factory applied peel-away closure. The PUR-SplitTube joints shall be sealed with 152,4 mm (6 in)

Note: Physical characteristics are nominal and may vary depending on pipe type and diameter.



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