

**Part no. A6140750, 3/4" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil**

Pre-insulated Wirsbo hePEX™ features oxygen-barrier PEX pipe encased in polyethylene-foam insulation to meet ASHRAE 90.1-2013 energy-code requirements for hydronic piping and radiant heating/cooling applications. The piping is approved for direct burial in soil provided it is not exposed to groundwater. Uponor recommends adding 1/2" of insulation to accommodate for foam compression in direct-burial applications.



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## Specifications

<b>Minimum Order</b>	1
<b>Package Type</b>	Each
<b>Units Per Package</b>	1
<b>Length</b>	100 ft
<b>Tube Diameter</b>	3/4 in.
<b>O.D.</b>	2.06 in.
<b>Heat loss (at 70° Delta T)</b>	9.00 BTU/hr/ft
<b>R-value</b>	R-3.60
<b>Coil size (O.D. x Width)</b>	40.00 x 6.50 in.
<b>Weight (lb./coil)</b>	12.80 lbs.

## Technical data

Service Pipe: Crosslinked polyethylene PEX-a Engel method pipe  
 Insulation: Polyethylene foam

**Technical data**

Thermal Conductivity: 0.25 Btu.in/h/sq.ft/°F  
 Operating Condition Limits: 200°F at 80 psi (93°C at 5.5 bar)  
 (hydrostatic ratings) 180°F at 100 psi (82°C at 6.9 bar)  
 73.4°F at 160 psi (23°C at 11 bar)

Linear Expansion Rate: 1.1"/10°F per 100' (27.94mm/5.56°C per 30.48m)

**Installation****Installation<sup>1</sup>**

Use ProPEX<sup>®1</sup> fittings to connect the piping. Refer to the Uponor Radiant Floor Heating Installation Handbook for additional information.

**Standards****Standards**

CSA B137.5; ASTM F876; ASTM F877; ASTM F1960; ASTM F2023; DIN 4726/9;  
 NSF/ANSI 14; NSF/ANSI 61

**Codes****Codes**

HUD; ICC; IMC; UMC; IPC; UPC; NSPC; IRC; NBC of Canada; NPC of Canada;  
 UFGS

**Listings****Listings**

CCMC; cNSFus-rfh; cNSFus-pw; CSA; ETL; IAPMO; ICC-ES; ITS; PPI TR-4; UL;  
 WH

**Related applications****Related Applications**

Radiant Heating and Cooling Systems  
 Snow and Ice Melting Systems  
 Permafrost Protection Systems  
 Turf Conditioning Systems