

Pre-insulated Wirsbo hePEX coils

Project Information

| | |
|--------------------------------|-----------------|
| Job name: | Location: |
| Engineer: | Date submitted: |
| Contractor: | Submitted by: |
| Manufacturer's representative: | Approved by: |

Technical data

| | |
|-----------------------|-------------------------------------|
| Material | PEX |
| Temp/pressure ratings | 73 °F (23 °C) at 160 psi (11 bar) |
| | 180 °F (82 °C) at 100 psi (6.9 bar) |
| | 200 °F (93 °C) at 80 psi (5.5 bar) |

Product information and application use

Pre-insulated Wirsbo hePEX™ complies with the most recent versions of ASHRAE 90.1 and the International Energy Conservation Code (IECC). The product is available with ½" to 1½" oxygen-barrier PEX-a service pipe covered in ½" to 1½" insulation. The insulation features manufactured-sealed seams running the entire length of the pipe for added convenience and system performance. Check with local code authorities regarding energy-code requirements for specific applications.

Note: Temperature and pressure ratings stated are hydrostatic ratings. For domestic hot-water (DHW) and DHW recirculation installations, operating conditions should not exceed 140°F (60°C) at 80 psi (5.5 bar) in accordance with ASTM F2023. For additional information regarding application-specific temperature and pressure ratings, refer to the Uponor PEX Piping Systems Design and Installation Manual.



| Part name | Part no. | Inner diameter coil [mm] | Outer diameter coil [mm] | Inner diameter pipe [mm] | Outer diameter pipe [mm] | R value | Weight per UOM [kg/UOM] |
|--|----------|--------------------------|--------------------------|--------------------------|--------------------------|---------|-------------------------|
| 1/2" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil | A6140500 | 482.6 | 762 | 12.07 | 15.88 | 3.9 | 3.629 |
| 3/4" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil | A6140750 | 482.6 | 812.8 | 17.04 | 22.22 | 3.6 | 5.806 |
| 1" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil | A6141000 | 482.6 | 787.4 | 21.9 | 28.58 | 3.4 | 9.526 |
| 3/4" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil | A6150750 | 482.6 | 990.6 | 17.04 | 22.22 | 7.9 | 9.979 |
| 1" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil | A6151000 | 482.6 | 1016 | 21.9 | 28.58 | 6.4 | 13.699 |
| 1 1/4" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil | A6151250 | 685.8 | 1028.7 | 26.77 | 34.92 | 6.1 | 17.781 |
| 3/4" Pre-insulated Wirsbo hePEX with 1 1/2" insulation, 100-ft. coil | A6160750 | 685.8 | 1181.1 | 17.04 | 22.22 | 10.3 | 13.154 |
| 1" Pre-insulated Wirsbo hePEX with 1 1/2" insulation, 100-ft. coil | A6161000 | 685.8 | 1257.3 | 21.9 | 28.58 | 9.57 | 17.01 |
| 1 1/4" Pre-insulated Wirsbo hePEX with 1 1/2" insulation, 100-ft. coil | A6161250 | 685.8 | 1333.5 | 26.77 | 34.92 | 9.04 | 21.002 |
| 1 1/2" Pre-insulated Wirsbo hePEX with 1 1/2" insulation, 75-ft. coil | A6161500 | 685.8 | 1409.7 | 31.6 | 41.28 | 11.2 | 22.453 |

| Part name | Part no. | Codes | Standards | Listings |
|----------------------------------|----------|---|---|---|
| Pre-insulated Wirsbo hePEX coils | All | IMC UPC IBC IRC NBC of Canada IPC UFGS NPC of Canada UMC NSPC | ASTM F1960 ASTM F876 ASTM F2023 ASTM E814 ULC S115 ASTM F877 CSA B137.5 CSA B214 NSF/ANSI/CAN 61 ULC S101 NSF/ANSI 14 | IAPMO-ES ICC-ES-PMG cNSFusrfh cNSFus-pw CCMC PPI TR-4 CSA UL U.P.Code cQAlus P321 |

Installation

Use ProPEX® fittings to connect the piping. Refer to the ProPEX Connections Instructional Guide or the Uponor Radiant Floor Heating Installation Handbook for additional information.

Related applications

- Pre-Insulated Pipe Systems
- Radiant Heating and Cooling Systems
- Hydronic heating and cooling systems
- Permafrost Protection Systems
- Turf Conditioning Systems

| Footnotes | | Contact information | |
|-----------|--|------------------------|-------------------------|
| - | | Uponor Inc. | Uponor Ltd. |
| | | 5925 148th Street West | 6510 Kennedy Road |
| | | Apple Valley, MN 55124 | Mississauga, ON L5T 2X4 |
| | | T 800.321.4739 | T 888.594.7726 |
| | | F 952.891.2008 | F 800.638.9517 |