# 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)<br>180 °F (82 °C) at 100 psi (6.9 bar)<br>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 [inch] | Outer diameter coil [inch] | Coil width [inch] | Inner diameter pipe [inch] | Outer diameter pipe [inch] | R value | Inner diameter Service Pipe [in] | Outer diameter Service Pipe [in] | Weight per UOM [lbs/UOM] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1/2" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil | A6140500 | 19.5 | 27 | 8.5 | 0.475 | 1.625 | 3.9 | 0.475 | 0.625 | 8 |
| | 3/4" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil | A6140750 | 22.5 | 27 | 5.5 | 0.671 | 1.875 | 3.6 | 0.671 | 0.875 | 12.8 |
| ✔ | 1" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil | A6141000 | 32 | 27 | 8 | 0.862 | 2.125 | 3.4 | 0.862 | 1.125 | 21 |
| | 3/4" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil | A6150750 | 27 | 35.4 | 12 | 0.671 | 0.875 | 7.9 | 0.671 | 2.875 | 22 |
| | 1" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil | A6151000 | 26.99 | 37.5 | 12 | 0.862 | 3.125 | 6.4 | 0.862 | 1.125 | 30.2 |
| | 3/4" Pre-insulated Wirsbo hePEX with 1 1/2" insulation, 100-ft. coil | A6160750 | 26 | 46.5 | 12 | 0.671 | 3.875 | 10.3 | 0.671 | 0.875 | 29 |
| | 1" Pre-insulated Wirsbo hePEX with 1 1/2" insulation, 100-ft. coil | A6161000 | 26 | 49.5 | 12 | 0.862 | 4.125 | 9.57 | 0.862 | 1.125 | 37.5 |
| | 1 1/2" Pre-insulated Wirsbo hePEX with 1 1/2" insulation, 75-ft. coil | A6161500 | 27 | 55.5 | 12 | 1.244 | 4.625 | 11.2 | 1.244 | 1.625 | 49.5 |

| Part name | Part no. | Codes | Standards | Listings |
|---|---|---|---|---|
| Pre-insulated Wirsbo hePEX coils | All | UPC\|IMC\|NBC of Canada\|IPC\|IBC\|IRC\|UMC\|NSPC\|UFGS\|NPC of Canada | ASTM F1960\|ASTM F2023\|ASTM E814/ULC S115\|CSA B214\|CSA B137.5\|NSF/ANSI 14\|NSF/ANSI/CAN 61\|ASTM F876\|ASTM F877 | cNSFus-pw\|IAPMO-ES\|ICC-ES-PMG\|CSA\|CCMC\|PPI TR-4\|U.P.Code\|cNSFus-rfh |
| In addition, the following parts have additional codes, standards, or listings: | | | | |
| 1/2" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil | A6140500 | | ULC S101 | cQAIus P321\|UL |
| 3/4" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil | A6140750 | | ULC S101 | cQAIus P321\|UL |
| 1" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil | A6141000 | | ULC S101 | cQAIus P321\|UL |
| 3/4" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil | A6150750 | | ULC S101 | cQAIus P321\|UL |
| 1" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil | A6151000 | | ULC S101 | cQAIus P321\|UL |

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| Installation | Related applications |
| --- | --- |
| 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. | Pre-Insulated Pipe Systems<br>Radiant Heating and Cooling Systems<br>Hydronic heating and cooling systems<br>Permafrost Protection Systems<br>Turf Conditioning Systems |

| Footnotes | Contact information | |
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