

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 [inch] | Outer diameter coil [inch] | Coil width [inch] | Inner diameter pipe [inch] | Outer diameter pipe [inch] | R value | Weight per UOM [lbs/UOM] |
|--|----------|----------------------------|----------------------------|-------------------|----------------------------|----------------------------|---------|--------------------------|
| 1/2" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil | A6140500 | 19 | 30 | 8.5 | 0.475 | 0.625 | 3.9 | 8 |
| 3/4" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil | A6140750 | 19 | 32 | 12.5 | 0.671 | 0.875 | 3.6 | 12.8 |
| 1" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil | A6141000 | 19 | 31 | 12.5 | 0.862 | 1.125 | 3.4 | 21 |
| 3/4" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil | A6150750 | 19 | 39 | 12.5 | 0.671 | 0.875 | 7.9 | 22 |
| 1" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil | A6151000 | 19 | 40 | 14 | 0.862 | 1.125 | 6.4 | 30.2 |
| 1 1/4" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil | A6151250 | 27 | 40.5 | 12 | 1.054 | 1.375 | 6.1 | 39.2 |
| 3/4" Pre-insulated Wirsbo hePEX with 1 1/2" insulation, 100-ft. coil | A6160750 | 27 | 46.5 | 12 | 0.671 | 0.875 | 10.3 | 29 |
| 1" Pre-insulated Wirsbo hePEX with 1 1/2" insulation, 100-ft. coil | A6161000 | 27 | 49.5 | 12 | 0.862 | 1.125 | 9.57 | 37.5 |
| 1 1/4" Pre-insulated Wirsbo hePEX with 1 1/2" insulation, 100-ft. coil | A6161250 | 27 | 52.5 | 12 | 1.054 | 1.375 | 9.04 | 46.3 |
| 1 1/2" Pre-insulated Wirsbo hePEX with 1 1/2" insulation, 75-ft. coil | A6161500 | 27 | 55.5 | 12 | 1.244 | 1.625 | 11.2 | 49.5 |

| 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 NSF/ANSI 14 | IAPMO-ES ICC-ES-PMG cNSF-us-rfh cNSF-us-pw CCMC PPI TR-4 CSA U.P.Code |

In addition, the following parts have additional codes, standards, or listings:

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|--|----------|--|----------|----------------|
| 1/2" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil | A6140500 | | ULC S101 | UL cQAlus P321 |
| 3/4" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil | A6140750 | | ULC S101 | UL cQAlus P321 |
| 1" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil | A6141000 | | ULC S101 | UL cQAlus P321 |
| 3/4" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil | A6150750 | | ULC S101 | UL cQAlus P321 |
| 1" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil | A6151000 | | ULC S101 | UL 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

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Contact information

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