

# 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™ features oxygen-barrier PEX pipe encased in polyethylene foam insulation to meet ASHRAE 90.1-2013 energy-code requirements for hydronic heating and cooling or radiant heating and 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.



| Part name  | Part no. | Inner diameter coil [inch] | Outer diameter coil [inch] | Coil width [inch] | Inner diameter pipe [inch] | Outer diameter pipe [inch] | 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                      | 8                        |
| 3/4" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil     | A6140750 | 19                         | 32                         | 12.5              | 0.671                      | 0.875                      | 12.8                     |
| 1" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil       | A6141000 | 19                         | 31                         | 12.5              | 0.862                      | 1.125                      | 21                       |
| 1 1/4" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil   | A6141250 | 27                         | 28.5                       | 12                | 1.054                      | 1.375                      | 30                       |
| 3/4" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil       | A6150750 | 19                         | 39                         | 12.5              | 0.671                      | 0.875                      | 22                       |
| 1" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil         | A6151000 | 19                         | 40                         | 14                | 0.862                      | 1.125                      | 30.2                     |
| 1 1/4" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil     | A6151250 | 27                         | 40.5                       | 12                | 1.054                      | 1.375                      | 39.2                     |
| 1/2" Pre-insulated Wirsbo hePEX with 1 1/2" insulation, 100-ft. coil   | A6160500 | 27                         | 43.5                       | 12                | 0.475                      | 0.625                      | 22                       |
| 3/4" Pre-insulated Wirsbo hePEX with 1 1/2" insulation, 100-ft. coil   | A6160750 | 27                         | 46.5                       | 12                | 0.671                      | 0.875                      | 29                       |
| 1" Pre-insulated Wirsbo hePEX with 1 1/2" insulation, 100-ft. coil     | A6161000 | 27                         | 49.5                       | 12                | 0.862                      | 1.125                      | 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                      | 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                      | 49.5                     |
| 2" Pre-insulated Wirsbo hePEX with 1 1/2" insulation, 75-ft. coil      | A6162000 | 42                         | 61.5                       | 18                | 1.629                      | 2.125                      | 74.3                     |
| 1 1/2" Pre-insulated Wirsbo hePEX with 2" insulation, 50-ft. coil      | A6171500 | 27                         | 67.5                       | 12                | 1.244                      | 1.625                      | 56.3                     |

## Installation

Use ProPEX®1 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

| Codes   | Standards   | Listings   |
|---|---|--|
| 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-61 ULC S101 NSF-14 | IAPMO-ES ICC-ES-PMG cNSFus-rfh cNSFus-pw CCMC PPI TR-4 CSA UL U.P.Code cQA us P321 |

| Footnotes | Contact information   |   |
|-----------|---|---|
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