

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

**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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