

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 cNSFus-rfh cNSFus-pw CCMC PPI TR-4 CSA U.P.Code |
| 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                                                                                                     | 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                                                                                                                                                                          | 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                                                                          |                                                                                                 |
|                                                                                                                                                                                       | Radiant Heating and Cooling Systems                                                                 |                                                                                                 |
|                                                                                                                                                                                       | Hydronic heating and cooling systems                                                                |                                                                                                 |
|                                                                                                                                                                                       | Permafrost Protection Systems                                                                       |                                                                                                 |
|                                                                                                                                                                                       | Turf Conditioning Systems                                                                           |                                                                                                 |
| Footnotes                                                                                                                                                                             | Contact information                                                                                 |                                                                                                 |
| -                                                                                                                                                                                     | Uponor Inc.<br>5925 148th Street West<br>Apple Valley, MN 55124<br>T 800.321.4739<br>F 952.891.2008 | Uponor Ltd.<br>6510 Kennedy Road<br>Mississauga, ON L5T 2X4<br>T 888.594.7726<br>F 800.638.9517 |