

# 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

Wirsbo hePEX™ tubing is used for closed-loop heating and cooling applications, including radiant and hydronic distribution. It has an EVOH oxygen diffusion barrier that meets German DIN 4726/9.

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] | Prop 65 label required? | Weight per UOM [lbs/UOM] |
|------------------------------------|----------|----------------------------|----------------------------|-------------------|----------------------------|----------------------------|-------------------------|--------------------------|
| 5/16" Wirsbo hePEX, 100-ft. coil   | A1140313 | 10.5                       | 16.5                       | 3.5               | 0.292                      | 0.43                       | -                       | 3                        |
| 5/16" Wirsbo hePEX, 250-ft. coil   | A1180313 | 10.5                       | 24.5                       | 4.5               | 0.292                      | 0.43                       | -                       | 7.49                     |
| 5/16" Wirsbo hePEX, 1,000-ft. coil | A1220313 | 15.75                      | 32                         | 6.5               | 0.292                      | 0.43                       | -                       | 29.98                    |
| 3/8" Wirsbo hePEX, 100-ft. coil    | A1140375 | 15.75                      | 16.5                       | 3.5               | 0.35                       | 0.5                        | -                       | 4.19                     |
| 3/8" Wirsbo hePEX, 400-ft. coil    | A1210375 | 15.75                      | 32                         | 4.5               | 0.35                       | 0.5                        | -                       | 16.76                    |
| 1/2" Wirsbo hePEX, 100-ft. coil    | A1140500 | 15.75                      | 23.5                       | 3.5               | 0.475                      | 0.625                      | No                      | 5.3                      |
| 1/2" Wirsbo hePEX, 300-ft. coil    | A1250500 | 19.7                       | 32                         | 4                 | 0.475                      | 0.625                      | -                       | 22.79                    |
| 1/2" Wirsbo hePEX, 500-ft. coil    | A1260500 | 15.75                      | 32                         | 6.5               | 0.475                      | 0.625                      | -                       | 26.48                    |
| 1/2" Wirsbo hePEX, 1,000-ft. coil  | A1220500 | 15.75                      | 32                         | 10.5              | 0.475                      | 0.625                      | -                       | 52.96                    |
| 5/8" Wirsbo hePEX, 100-ft. coil    | A1140625 | 15.75                      | 24                         | 5                 | 0.574                      | 0.75                       | -                       | 7.6                      |
| 5/8" Wirsbo hePEX, 300-ft. coil    | A1250625 | 15.75                      | 32                         | 6.5               | 0.574                      | 0.75                       | -                       | 30.07                    |
| 5/8" Wirsbo hePEX, 400-ft. coil    | A1210625 | 15.75                      | 32                         | 6.5               | 0.574                      | 0.75                       | -                       | 30.39                    |
| 5/8" Wirsbo hePEX, 1,000-ft. coil  | A1220625 | 15.75                      | 32                         | 16                | 0.574                      | 0.75                       | -                       | 75.98                    |
| 3/4" Wirsbo hePEX, 100-ft. coil    | A1140750 | 15.75                      | 32                         | 3                 | 0.671                      | 0.875                      | -                       | 10.02                    |
| 3/4" Wirsbo hePEX, 300-ft. coil    | A1250750 | 22                         | 32                         | 8                 | 0.671                      | 0.875                      | -                       | 51.29                    |
| 3/4" Wirsbo hePEX, 500-ft. coil    | A1240750 | 15.75                      | 32                         | 10.5              | 0.671                      | 0.875                      | -                       | 85.48                    |
| 3/4" Wirsbo hePEX, 1,000-ft. coil  | A1220750 | 15.75                      | 32                         | 16                | 0.671                      | 0.875                      | -                       | 100.22                   |
| 1" Wirsbo hePEX, 100-ft. coil      | A1141000 | 22.7                       | 32                         | 6.5               | 0.862                      | 1.125                      | -                       | 17.1                     |
| 1" Wirsbo hePEX, 300-ft. coil      | A1251000 | 22.7                       | 32                         | 16                | 0.862                      | 1.125                      | -                       | 72.29                    |
| 1" Wirsbo hePEX, 500-ft. coil      | A1241000 | 22.7                       | 40                         | 13.8              | 0.862                      | 1.125                      | -                       | 15.89                    |
| 1 1/4" Wirsbo hePEX, 100-ft. coil  | A1141250 | 27                         | 45                         | 6                 | 1.054                      | 1.375                      | -                       | 24.1                     |
| 1 1/4" Wirsbo hePEX, 300-ft. coil  | A1251250 | 22.7                       | 40                         | 13.8              | 1.054                      | 1.375                      | -                       | 104.79                   |
| 1 1/2" Wirsbo hePEX, 100-ft. coil  | A1141500 | 27                         | 45                         | 6                 | 1.244                      | 1.625                      | -                       | 34.93                    |
| 1 1/2" Wirsbo hePEX, 300-ft. coil  | A1251500 | 27                         | 45                         | 19                | 1.244                      | 1.625                      | -                       | 180.29                   |
| 2" Wirsbo hePEX, 100-ft. coil      | A1142000 | 27                         | 44                         | 9                 | 1.629                      | 2.125                      | -                       | 60.1                     |
| 2" Wirsbo hePEX, 300-ft. coil      | A1252000 | 27                         | 51                         | 15                | 1.629                      | 2.125                      | -                       | 276.56                   |
| 2 1/2" Wirsbo hePEX, 300-ft. coil  | A1252500 | 62.5                       | 80                         | 20                | 2.011                      | 2.625                      | -                       | 389.09                   |
| 3/8" Wirsbo hePEX, 1,000-ft. coil  | A1220375 | 15.75                      | 32                         | 6.5               | 0.35                       | 0.5                        | -                       | 41.91                    |

| Part name   | Part no. | Codes   | Standards  | Listings   |
|---|----------|---|--|--|
| Wirsbo hePEX coils  | All      | IMC UPC IBC IRC NBC of Canada IPC UFGS NPC of Canada UMC NSPC | ASTM F1960 ASTM E119/UL 263 ASTM F876 ASTM E84 ASTM F2023 ASTM E814/ULC S115 ASTM F877 CSA B137.5 ULC S102.2 CSA B214 ULC S101 | IAPMO-ES ICC-ES-PMG cNSFus-rfh cNSFus-pw CCMC PPI TR-4 CSA UL U.P.Code cQAlus P321 |
| In addition, the following parts have additional codes, standards, or listings: |          |   |  |  |
| 5/16" Wirsbo hePEX, 100-ft. coil  | A1140313 |   | NSF/ANSI/CAN 61 NSF/ANSI 14  |  |
| 5/16" Wirsbo hePEX, 250-ft. coil  | A1180313 |   | NSF-61 NSF-14  |  |
| 5/16" Wirsbo hePEX, 1,000-ft. coil  | A1220313 |   | NSF-61 NSF-14  |  |
| 3/8" Wirsbo hePEX, 100-ft. coil   | A1140375 |   | NSF/ANSI/CAN 61 NSF/ANSI 14  |  |
| 3/8" Wirsbo hePEX, 400-ft. coil   | A1210375 |   | NSF/ANSI/CAN 61 NSF/ANSI 14  |  |
| 1/2" Wirsbo hePEX, 100-ft. coil   | A1140500 |   | NSF/ANSI/CAN 61 NSF/ANSI 14  |  |
| 1/2" Wirsbo hePEX, 300-ft. coil   | A1250500 |   | NSF/ANSI/CAN 61 NSF/ANSI 14  |  |
| 1/2" Wirsbo hePEX, 500-ft. coil   | A1260500 |   | NSF/ANSI/CAN 61 NSF/ANSI 14  |  |
| 1/2" Wirsbo hePEX, 1,000-ft. coil   | A1220500 |   | NSF/ANSI/CAN 61 NSF/ANSI 14  |  |
| 5/8" Wirsbo hePEX, 100-ft. coil   | A1140625 |   | NSF/ANSI/CAN 61 NSF/ANSI 14  |  |
| 5/8" Wirsbo hePEX, 300-ft. coil   | A1250625 |   | NSF-61 NSF-14  |  |
| 5/8" Wirsbo hePEX, 400-ft. coil   | A1210625 |   | NSF/ANSI/CAN 61 NSF/ANSI 14  |  |
| 5/8" Wirsbo hePEX, 1,000-ft. coil   | A1220625 |   | NSF/ANSI/CAN 61 NSF/ANSI 14  |  |
| 3/4" Wirsbo hePEX, 100-ft. coil   | A1140750 |   | NSF/ANSI/CAN 61 NSF/ANSI 14  |  |
| 3/4" Wirsbo hePEX, 300-ft. coil   | A1250750 |   | NSF/ANSI/CAN 61 NSF/ANSI 14  |  |
| 3/4" Wirsbo hePEX, 500-ft. coil   | A1240750 |   | NSF-61 NSF-14  |  |
| 3/4" Wirsbo hePEX, 1,000-ft. coil   | A1220750 |   | NSF/ANSI/CAN 61 NSF/ANSI 14  |  |
| 1" Wirsbo hePEX, 100-ft. coil   | A1141000 |   | NSF/ANSI/CAN 61 NSF/ANSI 14  |  |
| 1" Wirsbo hePEX, 300-ft. coil   | A1251000 |   | NSF-61 NSF-14  |  |
| 1" Wirsbo hePEX, 500-ft. coil   | A1241000 |   | NSF-61 NSF-14  |  |
| 1 1/4" Wirsbo hePEX, 100-ft. coil   | A1141250 |   | NSF/ANSI/CAN 61 NSF/ANSI 14  |  |
| 1 1/4" Wirsbo hePEX, 300-ft. coil   | A1251250 |   | NSF-61 NSF-14  |  |
| 1 1/2" Wirsbo hePEX, 100-ft. coil   | A1141500 |   | NSF/ANSI/CAN 61 NSF/ANSI 14  |  |
| 1 1/2" Wirsbo hePEX, 300-ft. coil   | A1251500 |   | NSF-61 NSF-14  |  |
| 2" Wirsbo hePEX, 100-ft. coil   | A1142000 |   | NSF/ANSI/CAN 61 NSF/ANSI 14  |  |
| 2" Wirsbo hePEX, 300-ft. coil   | A1252000 |   | NSF/ANSI/CAN 61 NSF/ANSI 14  |  |
| 2 1/2" Wirsbo hePEX, 300-ft. coil   | A1252500 |   | NSF/ANSI/CAN 61 NSF/ANSI 14  |  |
| 3/8" Wirsbo hePEX, 1,000-ft. coil   | A1220375 |   | NSF/ANSI/CAN 61 NSF/ANSI 14  |  |

| Installation  | Related applications  |
|---|---|
| Approved fitting system is ProPEX®. 1 Refer to the Uponor Complete Design Assistance Manual (CDAM) or Hydronic Piping Design Assistance Manual (HPDAM) for further information. | <ul style="list-style-type: none"> <li>Radiant Heating and Cooling Systems</li> <li>Permafrost Protection Systems</li> <li>Turf Conditioning Systems</li> <li>Chilled water distribution</li> <li>Hot water distribution</li> </ul> |

| Footnotes | Contact information   |
|-----------|---|
| -         | <p>Uponor Inc.<br/>5925 148th Street West<br/>Apple Valley, MN 55124<br/>T 800.321.4739<br/>F 952.891.2008</p> <p>Uponor Ltd.<br/>6510 Kennedy Road<br/>Mississauga, ON L5T 2X4<br/>T 888.594.7726<br/>F 800.638.9517</p> |