

Wirsbo hePEX straight lengths

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

Wirsbo hePEX™ tubing is used for closed-loop heating and cooling applications, including radiant and hydronic distribution. Wirsbo hePEX tubing has an EVOH oxygen diffusion barrier that meets German DIN 4726/9. A polyethylene layer extruded over the EVOH barrier protects tubing from site abuse and moisture saturation.

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 coll [mm] | Outer diameter coll [mm] | Inner diameter pipe [mm] | Outer diameter pipe [mm] | Weight per UOM [kg/UOM] |
|---|----------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|
| 1/2" Wirsbo hePEX, 20-ft. straight length, 500 ft. (25 per bundle) | A1930500 | 88.9 | 6553.2 | 12.07 | 15.88 | 12.011 |
| 5/8" Wirsbo hePEX, 20-ft. straight length, 300 ft. (15 per bundle) | A1930625 | 114.3 | 6553.2 | 14.58 | 19.05 | 10.337 |
| 3/4" Wirsbo hePEX, 20-ft. straight length, 300 ft. (15 per bundle) | A1930750 | 114.3 | 6553.2 | 17.04 | 22.22 | 13.64 |
| 1" Wirsbo hePEX, 20-ft. straight length, 200 ft. (10 per bundle) | A1921000 | 101.6 | 6553.2 | 21.9 | 28.58 | 15.509 |
| 1 1/4" Wirsbo hePEX, 20-ft. straight length, 100 ft. (5 per bundle) | A1921250 | 114.3 | 6553.2 | 26.77 | 34.92 | 10.932 |
| 1 1/2" Wirsbo hePEX, 20-ft. straight length, 100 ft. (5 per bundle) | A1921500 | 127 | 6553.2 | 31.6 | 41.28 | 15.844 |
| 2" Wirsbo hePEX, 20-ft. straight length, 100 ft. (5 per bundle) | A1922000 | 273.05 | 6705.6 | 41.38 | 53.98 | 27.261 |
| 2 1/2" Wirsbo hePEX 20-ft. straight length, 60 ft.(3 per bundle) | A1922500 | 273.05 | 6705.6 | 51.08 | 66.68 | 25.084 |
| 3" Wirsbo hePEX 20-ft. straight length, 40 ft.(2 per bundle) | A1923000 | 273.05 | 6705.6 | 60.91 | 79.38 | 23.542 |

| Part name | Part no. | Codes | Standards | Listings |
|---|----------|---|--|--|
| Wirsbo hePEX straight lengths | 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: | | | | |
| 1/2" Wirsbo hePEX, 20-ft. straight length, 500 ft. (25 per bundle) | A1930500 | | NSF-61 NSF-14 | |
| 5/8" Wirsbo hePEX, 20-ft. straight length, 300 ft. (15 per bundle) | A1930625 | | NSF-61 NSF-14 | |
| 3/4" Wirsbo hePEX, 20-ft. straight length, 300 ft. (15 per bundle) | A1930750 | | NSF-61 NSF-14 | |
| 1" Wirsbo hePEX, 20-ft. straight length, 200 ft. (10 per bundle) | A1921000 | | NSF/ANSI/CAN 61 NSF/ANSI 14 | |
| 1 1/4" Wirsbo hePEX, 20-ft. straight length, 100 ft. (5 per bundle) | A1921250 | | NSF-61 NSF-14 | |
| 1 1/2" Wirsbo hePEX, 20-ft. straight length, 100 ft. (5 per bundle) | A1921500 | | NSF-61 NSF-14 | |
| 2" Wirsbo hePEX, 20-ft. straight length, 100 ft. (5 per bundle) | A1922000 | | NSF-61 NSF-14 | |
| 2 1/2" Wirsbo hePEX 20-ft. straight length, 60 ft.(3 per bundle) | A1922500 | | NSF-61 NSF-14 | |
| 3" Wirsbo hePEX 20-ft. straight length, 40 ft.(2 per bundle) | A1923000 | | NSF-61 NSF-14 | |

| Installation | Related applications |
|--|-------------------------------------|
| Use ProPEX® fittings for pipe sizes to 3".1 Use WIPEX™ fittings for 3½" and 4" pipe. Refer to the Uponor Complete Design Assistance Manual (CDAM) or the Uponor Hydronic Piping Design Assistance Manual (HPDAM) for additional information. | Radiant Heating and Cooling Systems |
| | Permafrost Protection Systems |
| | Turf Conditioning Systems |
| | Chilled water distribution |
| | Hot water distribution |

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