# 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] | 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 | 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 |
| | 3/8" Wirsbo hePEX, 1,000-ft. coil | A1220375 | 15.75 | 32 | 6.5 | 0.35 | 0.5 | 41.91 |

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| Part name | Part no. | Codes | Standards | Listings |
|---|---|---|---|---|
| Wirsbo hePEX coils | All | UPC\|IMC\|NBC of Canada\|IPC\|IBC\|IRC\|UMC\|NSPC\|UFGS\|NPC of Canada | ASTM E119/UL 263\|ASTM F1960\|ASTM E84\|ASTM F2023\|ASTM E814/ULC S115\|CSA B214\|CSA B137.5\|NSF/ANSI 14\|NSF/ANSI/CAN 61\|ASTM F876\|ASTM F877\|ULC S102.2\|ULC S101 | cNSFus-pw\|IAPMO-ES\|ICC-ES-PMG\|CSA\|CCMC\|PPI TR-4\|cQAIus P321\|UL\|U.P.Code\|cNSFus-rfh |

| 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. | Radiant Heating and Cooling Systems<br>Permafrost Protection Systems<br>Turf Conditioning Systems<br>Chilled water distribution<br>Hot water distribution |

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