# 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 [mm] | Outer diameter coil [mm] | Inner diameter pipe [mm] | Outer diameter pipe [mm] | Prop 65 label required? | Weight per UOM [kg/UOM] |
|---|---|---|---|---|---|---|---|
| 5/16" Wirsbo hePEX, 100-ft. coil | A1140313 | 266.7 | 419.1 | 7.41 | 10.92 | - | 1.361 |
| 5/16" Wirsbo hePEX, 250-ft. coil | A1180313 | 266.7 | 622.3 | 7.41 | 10.92 | - | 3.397 |
| 5/16" Wirsbo hePEX, 1,000-ft. coil | A1220313 | 400.05 | 812.8 | 7.41 | 10.92 | - | 13.599 |
| 3/8" Wirsbo hePEX, 100-ft. coil | A1140375 | 400.05 | 419.1 | 8.89 | 12.7 | - | 1.901 |
| 3/8" Wirsbo hePEX, 400-ft. coil | A1210375 | 400.05 | 812.8 | 8.89 | 12.7 | - | 7.602 |
| 1/2" Wirsbo hePEX, 100-ft. coil | A1140500 | 400.05 | 596.9 | 12.07 | 15.88 | No | 2.404 |
| 1/2" Wirsbo hePEX, 300-ft. coil | A1250500 | 500.38 | 812.8 | 12.07 | 15.88 | - | 10.337 |
| 1/2" Wirsbo hePEX, 500-ft. coil | A1260500 | 400.05 | 812.8 | 12.07 | 15.88 | - | 12.011 |
| 1/2" Wirsbo hePEX, 1,000-ft. coil | A1220500 | 400.05 | 812.8 | 12.07 | 15.88 | - | 24.023 |
| 5/8" Wirsbo hePEX, 100-ft. coil | A1140625 | 400.05 | 609.6 | 14.58 | 19.05 | - | 3.447 |
| 5/8" Wirsbo hePEX, 300-ft. coil | A1250625 | 400.05 | 812.8 | 14.58 | 19.05 | - | 13.64 |
| 5/8" Wirsbo hePEX, 400-ft. coil | A1210625 | 400.05 | 812.8 | 14.58 | 19.05 | - | 13.785 |
| 5/8" Wirsbo hePEX, 1,000-ft. coil | A1220625 | 400.05 | 812.8 | 14.58 | 19.05 | - | 34.464 |
| 3/4" Wirsbo hePEX, 100-ft. coil | A1140750 | 400.05 | 812.8 | 17.04 | 22.22 | - | 4.545 |
| 3/4" Wirsbo hePEX, 300-ft. coil | A1250750 | 558.8 | 812.8 | 17.04 | 22.22 | - | 23.265 |
| 3/4" Wirsbo hePEX, 500-ft. coil | A1240750 | 400.05 | 812.8 | 17.04 | 22.22 | - | 38.774 |
| 3/4" Wirsbo hePEX, 1,000-ft. coil | A1220750 | 400.05 | 812.8 | 17.04 | 22.22 | - | 45.46 |
| 1" Wirsbo hePEX, 100-ft. coil | A1141000 | 576.58 | 812.8 | 21.9 | 28.58 | - | 7.757 |
| 1" Wirsbo hePEX, 300-ft. coil | A1251000 | 576.58 | 812.8 | 21.9 | 28.58 | - | 32.791 |
| 1" Wirsbo hePEX, 500-ft. coil | A1241000 | 576.58 | 1016 | 21.9 | 28.58 | - | 7.208 |
| 1 1/4" Wirsbo hePEX, 100-ft. coil | A1141250 | 685.8 | 1143 | 26.77 | 34.92 | - | 10.932 |
| 1 1/4" Wirsbo hePEX, 300-ft. coil | A1251250 | 576.58 | 1016 | 26.77 | 34.92 | - | 47.533 |
| 1 1/2" Wirsbo hePEX, 100-ft. coil | A1141500 | 685.8 | 1143 | 31.6 | 41.28 | - | 15.844 |
| 1 1/2" Wirsbo hePEX, 300-ft. coil | A1251500 | 685.8 | 1143 | 31.6 | 41.28 | - | 81.779 |
| 2" Wirsbo hePEX, 100-ft. coil | A1142000 | 685.8 | 1117.6 | 41.38 | 53.98 | - | 27.261 |
| 2" Wirsbo hePEX, 300-ft. coil | A1252000 | 685.8 | 1295.4 | 41.38 | 53.98 | - | 125.447 |
| 2 1/2" Wirsbo hePEX, 300-ft. coil | A1252500 | 1587.5 | 2032 | 51.08 | 66.68 | - | 176.486 |

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|---|---|---|---|---|---|---|---|---|
| | 4" Wirsbo hePEX, 100-ft. coil | A1144000 | 1600.2 | 2184.4 | 80.5 | 104.78 | - | 102.119 |
| ✔ | 3/8" Wirsbo hePEX, 1,000-ft. coil | A1220375 | 400.05 | 812.8 | 8.89 | 12.7 | - | 19.01 |

| 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\|cQAIus P321 |
| In addition, the following parts have additional codes, standards, or listings: | | | | |
| 5/16" Wirsbo hePEX, 100-ft. coil | A1140313 | | NSF-61\|NSF-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-61\|NSF-14 | |
| 3/8" Wirsbo hePEX, 400-ft. coil | A1210375 | | NSF-61\|NSF-14 | |
| 1/2" Wirsbo hePEX, 100-ft. coil | A1140500 | | NSF-61\|NSF-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-61\|NSF-14 | |
| 5/8" Wirsbo hePEX, 100-ft. coil | A1140625 | | NSF-61\|NSF-14 | |
| 5/8" Wirsbo hePEX, 300-ft. coil | A1250625 | | NSF-61\|NSF-14 | |
| 5/8" Wirsbo hePEX, 400-ft. coil | A1210625 | | NSF-61\|NSF-14 | |
| 5/8" Wirsbo hePEX, 1,000-ft. coil | A1220625 | | NSF-61\|NSF-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-61\|NSF-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-61\|NSF-14 | |
| 1 1/4" Wirsbo hePEX, 300-ft. coil | A1251250 | | NSF-61\|NSF-14 | |
| 1 1/2" Wirsbo hePEX, 100-ft. coil | A1141500 | | NSF-61\|NSF-14 | |
| 1 1/2" Wirsbo hePEX, 300-ft. coil | A1251500 | | NSF-61\|NSF-14 | |
| 2" Wirsbo hePEX, 100-ft. coil | A1142000 | | NSF-61\|NSF-14 | |
| 2" Wirsbo hePEX, 300-ft. coil | A1252000 | | NSF-61\|NSF-14 | |
| 2 1/2" Wirsbo hePEX, 300-ft. coil | A1252500 | | NSF-61\|NSF-14 | |
| 4" Wirsbo hePEX, 100-ft. coil | A1144000 | | NSF-61\|NSF-14 | |
| 3/8" Wirsbo hePEX, 1,000-ft. coil | A1220375 | | NSF-61\|NSF-14 | |

## Installation

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.

## Related applications

Radiant Heating and Cooling Systems

Permafrost Protection Systems

Turf Conditioning Systems

Chilled water distribution

Hot water distribution

## Footnotes

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## Contact information

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