

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

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                 |

|                                   |          |        |        |      |        |   |         |
|-----------------------------------|----------|--------|--------|------|--------|---|---------|
| 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 cQAlus 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                                                                                                                                                                    | 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 |
|                                                                                                                                                                                 | Permafrost Protection Systems       |
|                                                                                                                                                                                 | Turf Conditioning Systems           |
|                                                                                                                                                                                 | Chilled water distribution          |
|                                                                                                                                                                                 | Hot water distribution              |

| 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 |
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