

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. | Prop 65 label required? |
|------------------------------------|----------|-------------------------|
| 5/16" Wirsbo hePEX, 100-ft. coil   | A1140313 | -                       |
| 5/16" Wirsbo hePEX, 250-ft. coil   | A1180313 | -                       |
| 5/16" Wirsbo hePEX, 1,000-ft. coil | A1220313 | -                       |
| 3/8" Wirsbo hePEX, 100-ft. coil    | A1140375 | -                       |
| 3/8" Wirsbo hePEX, 400-ft. coil    | A1210375 | -                       |
| 1/2" Wirsbo hePEX, 100-ft. coil    | A1140500 | No                      |
| 1/2" Wirsbo hePEX, 300-ft. coil    | A1250500 | -                       |
| 1/2" Wirsbo hePEX, 500-ft. coil    | A1260500 | -                       |
| 1/2" Wirsbo hePEX, 1,000-ft. coil  | A1220500 | -                       |
| 5/8" Wirsbo hePEX, 100-ft. coil    | A1140625 | -                       |
| 5/8" Wirsbo hePEX, 300-ft. coil    | A1250625 | -                       |
| 5/8" Wirsbo hePEX, 400-ft. coil    | A1210625 | -                       |
| 5/8" Wirsbo hePEX, 1,000-ft. coil  | A1220625 | -                       |
| 3/4" Wirsbo hePEX, 100-ft. coil    | A1140750 | -                       |
| 3/4" Wirsbo hePEX, 300-ft. coil    | A1250750 | -                       |
| 3/4" Wirsbo hePEX, 500-ft. coil    | A1240750 | -                       |
| 3/4" Wirsbo hePEX, 1,000-ft. coil  | A1220750 | -                       |
| 1" Wirsbo hePEX, 100-ft. coil      | A1141000 | -                       |
| 1" Wirsbo hePEX, 300-ft. coil      | A1251000 | -                       |
| 1" Wirsbo hePEX, 500-ft. coil      | A1241000 | -                       |
| 1 1/4" Wirsbo hePEX, 100-ft. coil  | A1141250 | -                       |
| 1 1/4" Wirsbo hePEX, 300-ft. coil  | A1251250 | -                       |
| 1 1/2" Wirsbo hePEX, 100-ft. coil  | A1141500 | -                       |
| 1 1/2" Wirsbo hePEX, 300-ft. coil  | A1251500 | -                       |
| 2" Wirsbo hePEX, 100-ft. coil      | A1142000 | -                       |
| 2" Wirsbo hePEX, 300-ft. coil      | A1252000 | -                       |
| 2 1/2" Wirsbo hePEX, 300-ft. coil  | A1252500 | -                       |
| 4" Wirsbo hePEX, 100-ft. coil      | A1144000 | -                       |

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