

# Wirsbo hePEX coils

Submittal information

Date submitted:

## 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) |
| Linear expansion rate  | 1.1 inch/10°f/100ft (27.94 mm/5.56°c/30.48m)                                                             |

## 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.



| 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                        |
| 3/8" Wirsbo hePEX, 100-ft. coil    | A1140375 | 15.75                      | 16.5                       | 3.5               | 0.35                       | 0.5                        | 4.19                     |
| 1/2" Wirsbo hePEX, 100-ft. coil    | A1140500 | 15.75                      | 23.5                       | 3.5               | 0.475                      | 0.625                      | 5.3                      |
| 5/8" Wirsbo hePEX, 100-ft. coil    | A1140625 | 15.75                      | 24                         | 5                 | 0.574                      | 0.75                       | 7.6                      |
| 3/4" Wirsbo hePEX, 100-ft. coil    | A1140750 | 15.75                      | 32                         | 3                 | 0.671                      | 0.875                      | 10.02                    |
| 1" Wirsbo hePEX, 100-ft. coil      | A1141000 | 22.7                       | 32                         | 6.5               | 0.862                      | 1.125                      | 17.1                     |
| 1 1/4" Wirsbo hePEX, 100-ft. coil  | A1141250 | 27                         | 45                         | 6                 | 1.054                      | 1.375                      | 24.1                     |
| 1 1/2" Wirsbo hePEX, 100-ft. coil  | A1141500 | 27                         | 45                         | 6                 | 1.244                      | 1.625                      | 34.93                    |
| 2" Wirsbo hePEX, 100-ft. coil      | A1142000 | 27                         | 44                         | 9                 | 1.629                      | 2.125                      | 60.1                     |
| 2 1/2" Wirsbo hePEX, 100-ft. coil  | A1142500 | 62.5                       | 80                         | 16                | 2.011                      | 2.625                      | 92.2                     |
| 3" Wirsbo hePEX, 100-ft. coil      | A1143000 | 62.5                       | 80                         | 19                | 2.398                      | 3.125                      | 129.7                    |
| 3 1/2" Wirsbo hePEX, 100-ft. coil  | A1143500 | 61.5                       | 86                         | 12                | 2.784                      | 3.625                      | 173.8                    |
| 4" Wirsbo hePEX, 100-ft. coil      | A1144000 | 63                         | 86                         | 15                | 3.169                      | 4.125                      | 225.13                   |
| 5/16" Wirsbo hePEX, 250-ft. coil   | A1180313 | 10.5                       | 24.5                       | 4.5               | 0.292                      | 0.43                       | 7.49                     |
| 3/8" Wirsbo hePEX, 400-ft. coil    | A1210375 | 15.75                      | 32                         | 4.5               | 0.35                       | 0.5                        | 16.76                    |
| 5/8" Wirsbo hePEX, 400-ft. coil    | A1210625 | 15.75                      | 32                         | 6.5               | 0.574                      | 0.75                       | 30.39                    |
| 5/16" Wirsbo hePEX, 1,000-ft. coil | A1220313 | 15.75                      | 32                         | 6.5               | 0.292                      | 0.43                       | 29.98                    |
| 3/8" Wirsbo hePEX, 1,000-ft. coil  | A1220375 | 15.75                      | 32                         | 6.5               | 0.35                       | 0.5                        | 41.91                    |
| 1/2" Wirsbo hePEX, 1,000-ft. coil  | A1220500 | 15.75                      | 32                         | 10.5              | 0.475                      | 0.625                      | 52.96                    |
| 5/8" Wirsbo hePEX, 1,000-ft. coil  | A1220625 | 15.75                      | 32                         | 16                | 0.574                      | 0.75                       | 75.98                    |
| 3/4" Wirsbo hePEX, 1,000-ft. coil  | A1220750 | 15.75                      | 32                         | 16                | 0.671                      | 0.875                      | 100.22                   |
| 3/4" Wirsbo hePEX, 500-ft. coil    | A1240750 | 15.75                      | 32                         | 10.5              | 0.671                      | 0.875                      | 85.48                    |
| 1" Wirsbo hePEX, 500-ft. coil      | A1241000 | 22.7                       | 40                         | 13.8              | 0.862                      | 1.125                      | 15.89                    |
| 1/2" Wirsbo hePEX, 300-ft. coil    | A1250500 | 19.7                       | 32                         | 4                 | 0.475                      | 0.625                      | 22.79                    |
| 5/8" Wirsbo hePEX, 300-ft. coil    | A1250625 | 15.75                      | 32                         | 6.5               | 0.574                      | 0.75                       | 30.07                    |

|                                   |          |       |    |      |       |       |        |
|-----------------------------------|----------|-------|----|------|-------|-------|--------|
| 3/4" Wirsbo hePEX, 300-ft. coil   | A1250750 | 22    | 32 | 8    | 0.671 | 0.875 | 51.29  |
| 1" Wirsbo hePEX, 300-ft. coil     | A1251000 | 22.7  | 32 | 16   | 0.862 | 1.125 | 72.29  |
| 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, 300-ft. coil | A1251500 | 27    | 45 | 19   | 1.244 | 1.625 | 180.29 |
| 2" Wirsbo hePEX, 300-ft. coil     | A1252000 | 27    | 51 | 15   | 1.629 | 2.125 | 276.56 |
| 2 1/2" Wirsbo hePEX, 300-ft. coil | A1252500 | 62.5  | 80 | 20   | 2.011 | 2.625 | 389.09 |
| 3" Wirsbo hePEX, 300-ft. coil     | A1253000 | 62.5  | 83 | 33   | 2.398 | 3.125 | 26.48  |
| 1/2" Wirsbo hePEX, 500-ft. coil   | A1260500 | 15.75 | 32 | 6.5  | 0.475 | 0.625 | 26.48  |

| 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              |

| Codes                                                         | Standards                                                                                                                                     | Listings                                                                           |
|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| 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 NSF-61 ULC S101 NSF-14* | IAPMO-ES ICC-ES-PMG cNSFus-rfh cNSFus-pw CCMC PPI TR-4 CSA UL U.P.Code cQAlus P321 |

| Trademark Information                                                                                                                                                                                               | Contact information                                                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ProPEX® is a registered trademark of Uponor Inc. ProPEX™ is a trademark of Uponor Ltd.<br>* Some SKUs in this family have additional codes, standards, or listings. Please see uponor.com for complete information. | <div> <div>Uponor Inc.</div> <div>5925 148th Street West</div> <div>Apple Valley, MN 55124</div> <div>T 800.321.4739</div> <div>F 952.891.2008</div> </div> <div> <div>Uponor Ltd.</div> <div>6510 Kennedy Road</div> <div>Mississauga, ON L5T 2X4</div> <div>T 888.594.7726</div> <div>F 800.636.9517</div> </div> |