

# 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 [inch]	Outer diameter coil [inch]	Coil width [inch]	Inner diameter pipe [inch]	Outer diameter pipe [inch]	Prop 65 label required?	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	No	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
2 1/2" Wirsbo hePEX, 300-ft. coil	A1252500	62.5	80	20	2.011	2.625	-	389.09
3/8" Wirsbo hePEX, 1,000-ft. coil	A1220375	15.75	32	6.5	0.35	0.5	-	41.91

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/ANSI/CAN 61 NSF/ANSI 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/ANSI/CAN 61 NSF/ANSI 14	
3/8" Wirsbo hePEX, 400-ft. coil	A1210375		NSF/ANSI/CAN 61 NSF/ANSI 14	
1/2" Wirsbo hePEX, 100-ft. coil	A1140500		NSF/ANSI/CAN 61 NSF/ANSI 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/ANSI/CAN 61 NSF/ANSI 14	
5/8" Wirsbo hePEX, 100-ft. coil	A1140625		NSF/ANSI/CAN 61 NSF/ANSI 14	
5/8" Wirsbo hePEX, 300-ft. coil	A1250625		NSF-61 NSF-14	
5/8" Wirsbo hePEX, 400-ft. coil	A1210625		NSF/ANSI/CAN 61 NSF/ANSI 14	
5/8" Wirsbo hePEX, 1,000-ft. coil	A1220625		NSF/ANSI/CAN 61 NSF/ANSI 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/ANSI/CAN 61 NSF/ANSI 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/ANSI/CAN 61 NSF/ANSI 14	
1 1/4" Wirsbo hePEX, 300-ft. coil	A1251250		NSF-61 NSF-14	
1 1/2" Wirsbo hePEX, 100-ft. coil	A1141500		NSF/ANSI/CAN 61 NSF/ANSI 14	
1 1/2" Wirsbo hePEX, 300-ft. coil	A1251500		NSF-61 NSF-14	
2" Wirsbo hePEX, 100-ft. coil	A1142000		NSF/ANSI/CAN 61 NSF/ANSI 14	
2" Wirsbo hePEX, 300-ft. coil	A1252000		NSF/ANSI/CAN 61 NSF/ANSI 14	
2 1/2" Wirsbo hePEX, 300-ft. coil	A1252500		NSF/ANSI/CAN 61 NSF/ANSI 14	
3/8" Wirsbo hePEX, 1,000-ft. coil	A1220375		NSF/ANSI/CAN 61 NSF/ANSI 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.	<ul style="list-style-type: none"> <li>Radiant Heating and Cooling Systems</li> <li>Permafrost Protection Systems</li> <li>Turf Conditioning Systems</li> <li>Chilled water distribution</li> <li>Hot water distribution</li> </ul>

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