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

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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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