

Pre-insulated 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

Pre-insulated Wirsbo hePEX™ features oxygen-barrier PEX pipe encased in polyethylene foam insulation to meet ASHRAE 90.1-2013 energy-code requirements for hydronic heating and cooling or radiant heating and cooling applications. The piping is approved for direct burial in soil, provided it is not exposed to groundwater. Uponor recommends adding 1/2" of insulation to accommodate for foam compression in direct-burial applications.



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]	R value	Weight per UOM [lbs/UOM]
1/2" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil	A6140500	19	30	8.5	0.475	0.625	3.9	8
3/4" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil	A6140750	19	32	12.5	0.671	0.875	3.6	12.8
1" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil	A6141000	19	31	12.5	0.862	1.125	3.4	21
1 1/4" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil	A6141250	27	28.5	12	1.054	1.375	3.3	30
3/4" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil	A6150750	19	39	12.5	0.671	0.875	7.9	22
1" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil	A6151000	19	40	14	0.862	1.125	6.4	30.2
1 1/4" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil	A6151250	27	40.5	12	1.054	1.375	6.1	39.2
1/2" Pre-insulated Wirsbo hePEX with 1 1/2" insulation, 100-ft. coil	A6160500	27	43.5	12	0.475	0.625	11.2	22
3/4" Pre-insulated Wirsbo hePEX with 1 1/2" insulation, 100-ft. coil	A6160750	27	46.5	12	0.671	0.875	10.3	29
1" Pre-insulated Wirsbo hePEX with 1 1/2" insulation, 100-ft. coil	A6161000	27	49.5	12	0.862	1.125	9.57	37.5
1 1/4" Pre-insulated Wirsbo hePEX with 1 1/2" insulation, 100-ft. coil	A6161250	27	52.5	12	1.054	1.375	9.04	46.3
1 1/2" Pre-insulated Wirsbo hePEX with 1 1/2" insulation, 75-ft. coil	A6161500	27	55.5	12	1.244	1.625	11.2	49.5
2" Pre-insulated Wirsbo hePEX with 1 1/2" insulation, 75-ft. coil	A6162000	42	61.5	18	1.629	2.125	9.9	74.3
1 1/2" Pre-insulated Wirsbo hePEX with 2" insulation, 50-ft. coil	A6171500	27	67.5	12	1.244	1.625	12.5	56.3

Part name	Part no.	Codes	Standards	Listings
Pre-insulated wirsbo hePEX coils	All	IMC UPC IBC IRC NBC of Canada IPC UFGS NPC of Canada UMC NSPC	ASTM F1960 ASTM F876 ASTM F2023 ASTM E814 ULC S115 ASTM F877 CSA B137.5 CSA B214 NSF/ANSI/CAN 61 ULC S101 NSF/ANSI 14	IAPMO-ES ICC-ES-PMG cNSF-us-rfh cNSF-us-pw CCMC PPI TR-4 CSA UL U.P.Code cQAIus P321

Installation

Use ProPEX®1 fittings to connect the piping. Refer to the ProPEX Connections Instructional Guide or the Uponor Radiant Floor Heating Installation Handbook for additional information.

Related applications

Pre-Insulated Pipe Systems
Radiant Heating and Cooling Systems
Hydronic heating and cooling systems
Permafrost Protection Systems
Turf Conditioning Systems

Footnotes

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Contact information

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