

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™ complies with the most recent versions of ASHRAE 90.1 and the International Energy Conservation Code (IECC). The product is available with ½" to 1½" oxygen-barrier PEX-a service pipe covered in ½" to 1½" insulation. The insulation features manufactured-sealed seams running the entire length of the pipe for added convenience and system performance. Check with local code authorities regarding energy-code requirements for specific 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 [mm]	Outer diameter coil [mm]	Inner diameter pipe [mm]	Outer diameter pipe [mm]	R value	Inner diameter Service Pipe [mm]	Outer diameter Service Pipe [mm]	Weight per UOM [kg/UOM]
1/2" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil	A6140500	495.3	685.8	12.07	41.28	3.9	12.07	15.88	3.629
3/4" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil	A6140750	571.5	685.8	17.04	47.63	3.6	17.04	22.22	5.806
1" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil	A6141000	812.8	685.8	21.9	53.98	3.4	21.9	28.58	9.526
3/4" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil	A6150750	685.8	899.16	17.04	22.22	7.9	17.04	73.03	9.979
1" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil	A6151000	685.5	952.5	21.9	79.38	6.4	21.9	28.58	13.699
3/4" Pre-insulated Wirsbo hePEX with 1 1/2" insulation, 100-ft. coil	A6160750	660.4	1181.1	17.04	98.43	10.3	17.04	22.22	13.154
1" Pre-insulated Wirsbo hePEX with 1 1/2" insulation, 100-ft. coil	A6161000	660.4	1257.3	21.9	104.78	9.57	21.9	28.58	17.01
1 1/2" Pre-insulated Wirsbo hePEX with 1 1/2" insulation, 75-ft. coil	A6161500	685.8	1409.7	31.6	117.48	11.2	31.6	41.28	22.453

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

In addition, the following parts have additional codes, standards, or listings:

1/2" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil	A6140500		ULC S101	cQAlus P321 JUL
3/4" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil	A6140750		ULC S101	cQAlus P321 JUL
1" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil	A6141000		ULC S101	cQAlus P321 JUL
3/4" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil	A6150750		ULC S101	cQAlus P321 JUL
1" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil	A6151000		ULC S101	cQAlus P321 JUL

Installation

Use ProPEX® 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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