

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	Weight per UOM [kg/UOM]
1/2" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil	A6140500	482.6	762	12.07	15.88	3.9	3.629
3/4" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil	A6140750	482.6	812.8	17.04	22.22	3.6	5.806
1" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil	A6141000	482.6	787.4	21.9	28.58	3.4	9.526
3/4" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil	A6150750	482.6	990.6	17.04	22.22	7.9	9.979
1" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil	A6151000	482.6	1016	21.9	28.58	6.4	13.699
1 1/4" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil	A6151250	685.8	1028.7	26.77	34.92	6.1	17.781
3/4" Pre-insulated Wirsbo hePEX with 1 1/2" insulation, 100-ft. coil	A6160750	685.8	1181.1	17.04	22.22	10.3	13.154
1" Pre-insulated Wirsbo hePEX with 1 1/2" insulation, 100-ft. coil	A6161000	685.8	1257.3	21.9	28.58	9.57	17.01
1 1/4" Pre-insulated Wirsbo hePEX with 1 1/2" insulation, 100-ft. coil	A6161250	685.8	1333.5	26.77	34.92	9.04	21.002
1 1/2" Pre-insulated Wirsbo hePEX with 1 1/2" insulation, 75-ft. coil	A6161500	685.8	1409.7	31.6	41.28	11.2	22.453

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 NSF/ANSI 14	IAPMO-ES ICC-ES-PMG cNSFusrfh cNSFus-pw CCMC PPI TR-4 CSA U.P.Code
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	UL cQAlus P321
3/4" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil	A6140750		ULC S101	UL cQAlus P321
1" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil	A6141000		ULC S101	UL cQAlus P321
3/4" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil	A6150750		ULC S101	UL cQAlus P321
1" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil	A6151000		ULC S101	UL cQAlus P321

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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