

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 [inch]	Outer diameter coil [inch]	Coil width [inch]	Inner diameter pipe [inch]	Outer diameter pipe [inch]	R value	Inner diameter Service Pipe [in]	Outer diameter Service Pipe [in]	Weight per UOM [lbs/UOM]
1/2" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil	A6140500	19.5	27	8.5	0.475	1.625	3.9	0.475	0.625	8
3/4" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil	A6140750	22.5	27	5.5	0.671	1.875	3.6	0.671	0.875	12.8
1" Pre-insulated Wirsbo hePEX with 1/2" insulation, 100-ft. coil	A6141000	32	27	8	0.862	2.125	3.4	0.862	1.125	21
3/4" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil	A6150750	27	35.4	12	0.671	0.875	7.9	0.671	2.875	22
1" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil	A6151000	26.99	37.5	12	0.862	3.125	6.4	0.862	1.125	30.2
3/4" Pre-insulated Wirsbo hePEX with 1 1/2" insulation, 100-ft. coil	A6160750	26	46.5	12	0.671	3.875	10.3	0.671	0.875	29
1 1/2" Pre-insulated Wirsbo hePEX with 1 1/2" insulation, 75-ft. coil	A6161500	27	55.5	12	1.244	4.625	11.2	1.244	1.625	49.5

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

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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