

# Wirsbo hePEX™ Tubing, 5/16" to 2" Coils

Submittal information  
Revision I: Sept. 18, 2018

## Project information

Job name:	
Location:	Part no. ordered:
Engineer:	Date submitted:
Contractor:	Submitted by:
Manufacturer's representative:	Approved by:

## Technical data

Material:	Crosslinked polyethylene PEX-a Engel method
Thermal conductivity:	0.22 BTU/h/ft <sup>2</sup> /°F
Standard grade hydrostatic ratings (PPI):	200°F at 80 psi (93°C at 5.51 bar); 180°F at 100 psi (82°C at 6.89 bar) 73.4°F at 160 psi (23°C at 11.03 bar)
Linear expansion rate:	1.1"/10°F per 100 ft. (27.94mm/5.56°C per 30.48m)



## 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 oxygen diffusion barrier that meets German DIN 4726/9. A polyethylene layer is extruded over the oxygen barrier to protect from site abuse and moisture saturation.

✓ Description	Part number	I.D.	O.D.	Weight
5/16" Wirsbo hePEX, 100-ft. coil	A1140313	0.292"	0.430"	3.00 lbs.
5/16" Wirsbo hePEX, 250-ft. coil	A1180313	0.292"	0.430"	7.49 lbs.
5/16" Wirsbo hePEX, 1,000-ft. coil	A1220313	0.292"	0.430"	29.98 lbs.
3/8" Wirsbo hePEX, 100-ft. coil	A1140375	0.350"	0.500"	4.19 lbs.
3/8" Wirsbo hePEX, 400-ft. coil	A1210375	0.350"	0.500"	16.76 lbs.
3/8" Wirsbo hePEX, 1,000-ft. coil	A1220375	0.350"	0.500"	41.91 lbs.
1/2" Wirsbo hePEX, 100-ft. coil	A1140500	0.475"	0.625"	5.30 lbs.
1/2" Wirsbo hePEX, 300-ft. coil	A1250500	0.475"	0.625"	15.89 lbs.
1/2" Wirsbo hePEX, 500-ft. coil	A1260500	0.475"	0.625"	26.48 lbs.
1/2" Wirsbo hePEX, 1,000-ft. coil	A1220500	0.475"	0.625"	52.96 lbs.
5/8" Wirsbo hePEX, 100-ft. coil	A1140625	0.574"	0.750"	7.60 lbs.
5/8" Wirsbo hePEX, 300-ft. coil	A1250625	0.574"	0.750"	22.79 lbs.
5/8" Wirsbo hePEX, 400-ft. coil	A1210625	0.574"	0.750"	30.39 lbs.
5/8" Wirsbo hePEX, 1,000-ft. coil	A1220625	0.574"	0.750"	75.98 lbs.
3/4" Wirsbo hePEX, 100-ft. coil	A1140750	0.671"	0.875"	10.02 lbs.
3/4" Wirsbo hePEX, 300-ft. coil	A1250750	0.671"	0.875"	30.07 lbs.
3/4" Wirsbo hePEX, 500-ft. coil	A1240750	0.671"	0.875"	50.11 lbs.
3/4" Wirsbo hePEX, 1,000-ft. coil	A1220750	0.671"	0.875"	100.22 lbs.
1" Wirsbo hePEX, 100-ft. coil	A1141000	0.862"	1.125"	17.10 lbs.
1" Wirsbo hePEX, 300-ft. coil	A1251000	0.862"	1.125"	51.29 lbs.
1" Wirsbo hePEX, 500-ft. coil	A1241000	0.862"	1.125"	85.48 lbs.
1 1/4" Wirsbo hePEX, 100-ft. coil	A1141250	1.054"	1.375"	24.10 lbs.
1 1/4" Wirsbo hePEX, 300-ft. coil	A1251250	1.054"	1.375"	72.29 lbs.
1 1/2" Wirsbo hePEX, 100-ft. coil	A1141500	1.244"	1.625"	34.93 lbs.
1 1/2" Wirsbo hePEX, 300-ft. coil	A1251500	1.244"	1.625"	104.79 lbs.
2" Wirsbo hePEX, 100-ft. coil	A1142000	1.629"	2.125"	60.10 lbs.
2" Wirsbo hePEX, 300-ft. coil	A1252000	1.629"	2.125"	180.29 lbs.

## Installation

Approved fitting system is ProPEX®. <sup>1</sup> Refer to the Uponor Complete Design Assistance Manual (CDAM) or Hydronic Piping Design Assistance Manual (HPDAM) for further information.

## Listings<sup>2</sup>

cNSFus-rfh; cNSFus-pw; cQAlus P321; UL; CSA; PPI TR-4; ICC-ES; CCMC

## Codes

ICC; IPC; IMC; IRC; UPC; UMC; NSPC; HUD; UFGS; NPC of Canada; NBC of Canada; IAPMO

## Standards

ANSI/NSF 14; ANSI/NSF 61; ASTM F876; ASTM F877; ASTM F1960; ASTM F2023; ASTM E84; CAN/ULC S102.2; ASTM E119/UL 263; CAN/ULC S101; ASTM E814/ULC S115; CSA B137.5; CSA B214; DIN 4726/9; AWWA C904<sup>3</sup>

## Related applications

Radiant heating and cooling systems  
Snow and ice melting systems  
Permafrost protection systems  
Turf conditioning systems  
Chilled water distribution  
Hot water distribution

## Contact information

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<sup>1</sup>ProPEX® is a registered trademark of Uponor Inc. ProPEX™ is a trademark of Uponor Ltd.

<sup>2</sup>Visit listing agency's website for complete information.

<sup>3</sup>For 3/4" to 3" pipe.