

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

Submittal Information  
Revision H: Dec. 7, 2015

## 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/°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; cQAIus P321; UL; CSA; ETL; 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.