

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/ft²°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®. ¹ Refer to the Uponor Complete Design Assistance Manual (CDAM) or Hydronic Piping Design Assistance Manual (HPDAM) for further information.

Listings²

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 C904³

Related applications	Contact information
Radiant heating and cooling systems Snow and ice melting systems Permafrost protection systems Turf conditioning systems Chilled water distribution Hot water distribution	Uponor Inc. 5925 148th Street West Apple Valley, MN 55124 USA Phone: 800.321.4739 Fax: 952.891.2008 uponorpro.com Uponor Ltd. 6510 Kennedy Road Mississauga, ON L5T 2X4 CANADA Phone: 888.994.7726 Fax: 800.638.9517 uponorpro.com

¹ProPEX® is a registered trademark of Uponor Inc. ProPEX™ is a trademark of Uponor Ltd.

²Visit listing agency's website for complete information.

³For 3/4" to 3" pipe.