

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®.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; 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 C904³

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

Uponor, Inc.
 5925 148th Street West
 Apple Valley, MN 55124 USA
 Phone: 800.321.4739
 Fax: 952.891.2008
 www.uponorpro.com

Uponor Ltd.
 2000 Argentia Road, Plaza 1, Suite 200
 Mississauga, ON L5N 1W1 CANADA
 Phone: 888.994.7726
 Fax: 800.638.9517
 www.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.