

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

Submittal Information
Revision C: May 2, 2011

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	200°F at 80 psi (93°C at 5.51 bar); 180°F at 100 psi (82°C at 6.89 bar)
Hydrostatic Ratings (PPI):	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 radiant heating applications. It has an oxygen diffusion barrier that meets German DIN 4726. 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"	5.51 lbs.
5/16" Wirsbo hePEX, 250-ft. coil	A1180313	0.292"	0.430"	13.78 lbs.
5/16" Wirsbo hePEX, 1,000-ft. coil	A1220313	0.292"	0.430"	55.10 lbs.
3/8" Wirsbo hePEX, 100-ft. coil	A1140375	0.350"	0.500"	5.51 lbs.
3/8" Wirsbo hePEX, 400-ft. coil	A1210375	0.350"	0.500"	22.04 lbs.
3/8" Wirsbo hePEX, 1,000-ft. coil	A1220375	0.350"	0.500"	55.10 lbs.
1/2" Wirsbo hePEX, 100-ft. coil	A1140500	0.475"	0.625"	5.51 lbs.
1/2" Wirsbo hePEX, 300-ft. coil	A1250500	0.475"	0.625"	16.53 lbs.
1/2" Wirsbo hePEX, 500-ft. coil	A1260500	0.475"	0.625"	27.55 lbs.
1/2" Wirsbo hePEX, 1,000-ft. coil	A1220500	0.475"	0.625"	55.10 lbs.
5/8" Wirsbo hePEX, 100-ft. coil	A1140625	0.574"	0.750"	8.37 lbs.
5/8" Wirsbo hePEX, 300-ft. coil	A1250625	0.574"	0.750"	25.11 lbs.
5/8" Wirsbo hePEX, 1,000-ft. coil	A1220625	0.574"	0.750"	83.70 lbs.
3/4" Wirsbo hePEX, 100-ft. coil	A1140750	0.671"	0.875"	11.24 lbs.
3/4" Wirsbo hePEX, 300-ft. coil	A1250750	0.671"	0.875"	33.72 lbs.
3/4" Wirsbo hePEX, 500-ft. coil	A1240750	0.671"	0.875"	56.20 lbs.
1" Wirsbo hePEX, 100-ft. coil	A1141000	0.862"	1.125"	14.10 lbs.
1" Wirsbo hePEX, 300-ft. coil	A1251000	0.862"	1.125"	42.30 lbs.
1" Wirsbo hePEX, 500-ft. coil	A1241000	0.862"	1.125"	70.50 lbs.
1 1/4" Wirsbo hePEX, 100-ft. coil	A1141250	1.054"	1.375"	34.00 lbs.
1 1/4" Wirsbo hePEX, 300-ft. coil	A1251250	1.054"	1.375"	102.00 lbs.
1 1/2" Wirsbo hePEX, 100-ft. coil	A1141500	1.244"	1.625"	44.00 lbs.
1 1/2" Wirsbo hePEX, 300-ft. coil	A1251500	1.244"	1.625"	132.00 lbs.
2" Wirsbo hePEX, 100-ft. coil	A1142000	1.629"	2.125"	68.20 lbs.
2" Wirsbo hePEX, 300-ft. coil	A1252000	1.629"	2.125"	204.60 lbs.

Installation

Approved fitting systems include ProPEX® and APR.¹ Refer to the Uponor Radiant Floor Heating Installation Handbook for further information.

Standards

CSA B137.5; ASTM F876; ASTM F1960; ASTM E84; CAN/ULC S102.2; ASTM E119/UL 263

Codes

IPC; UPC; NSPC; IRC; NPC of Canada

Listings

NSF-rfh; ITS; UL; PPI; WARNOCK HERSEY 25 FS/50 SD plenum listing

Related Applications

Radiant Heating and Cooling Systems
Snow and Ice Melting Systems
Permafrost Protection Systems
Turf Conditioning Systems

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