

Technical Information

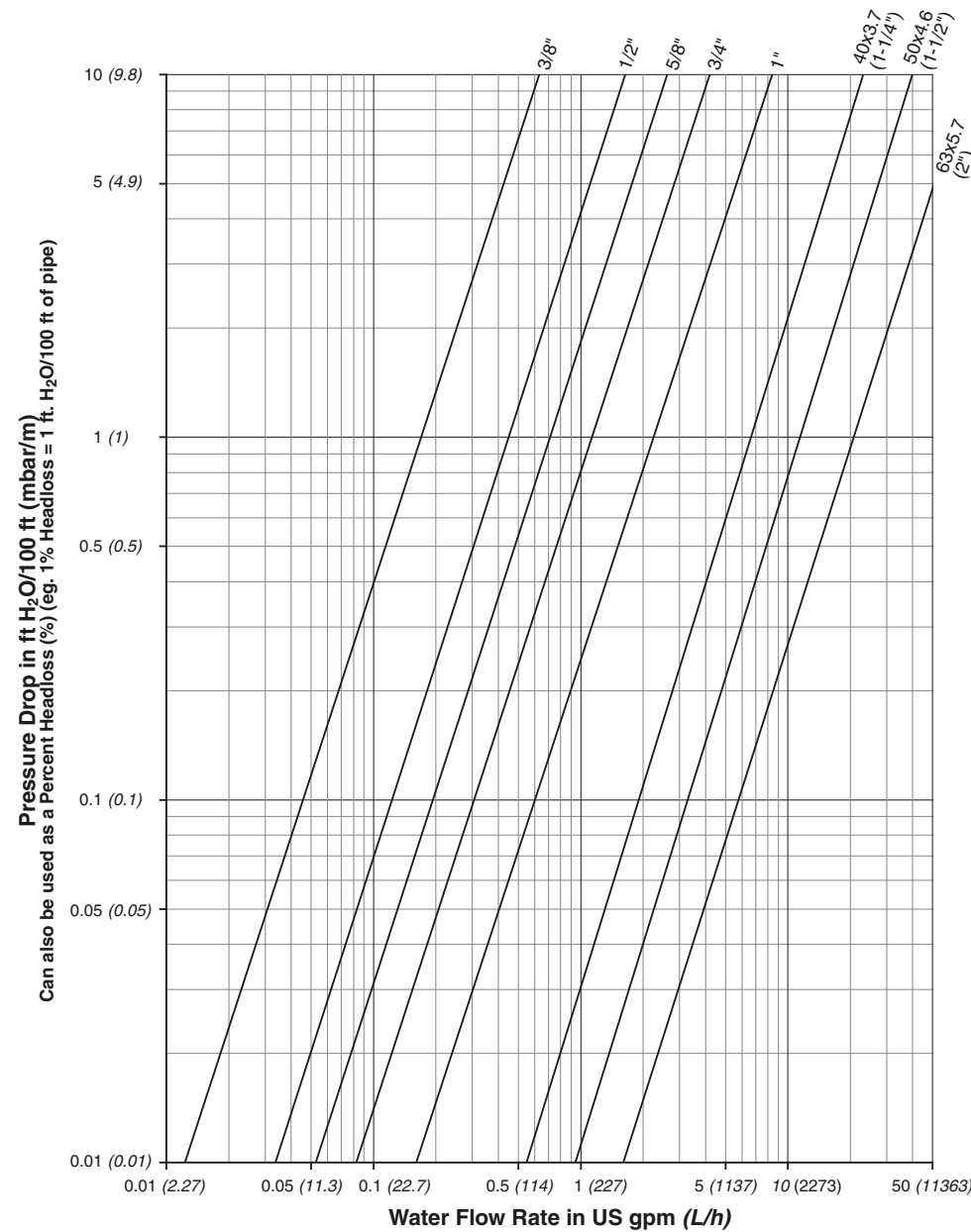


Chart settings at 120°F (49°C)

Note:

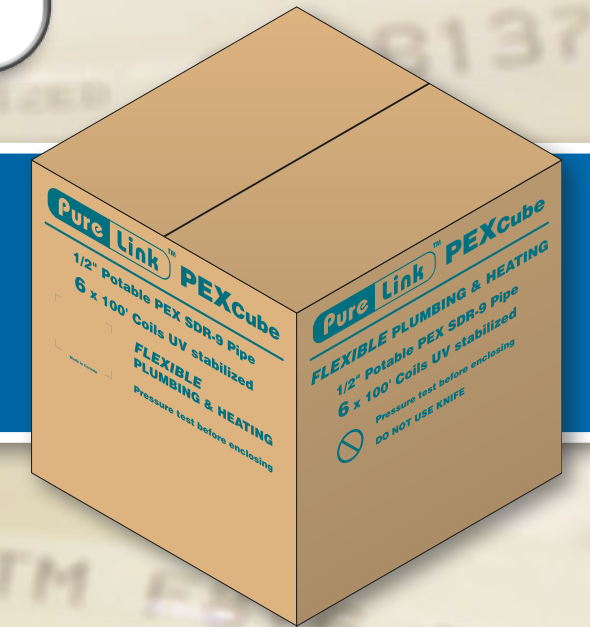
1 kPa = 10 mbar	1 ft H ₂ O/ft = 97.97 mbar/m	1 mbar = 0.033456 ft H ₂ O
100 Pa = 1 mbar	1 mbar/m = 0.010207 ft H ₂ O/ft	1 ft H ₂ O = 29.89 mbar
0.0145 psi = 1 mbar	1 ft H ₂ O/ft = 0.4331 psi/ft	
14.5 psi = 1000 mbar	1 mbar/m = 0.004421 psi/ft	

Water Volume Content for PEX Pipe

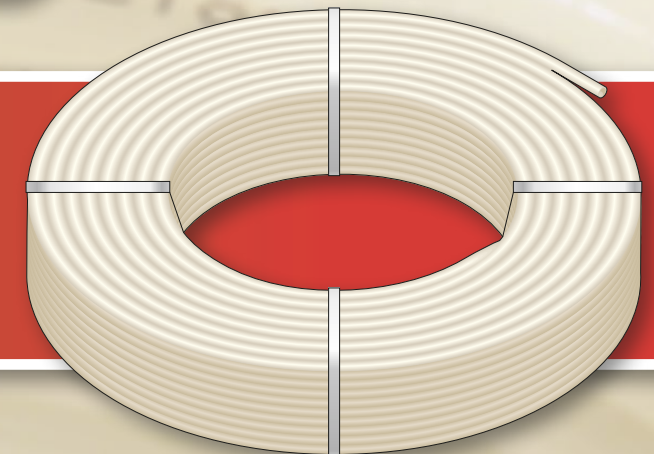
Size	Volume US Gal/ft	Volume Litres/m
3/8"	0.00405	0.0503
1/2"	0.00921	0.1144
5/8"	0.01341	0.1665
3/4"	0.01834	0.2278
1"	0.03032	0.3766
1-1/4" ID (40x3.7mm)	0.06722	0.8347
1-1/2" ID (50x4.6mm)	0.10528	1.3074
2" ID (63x5.7mm)	0.16840	2.0912



Potable Water PEX Pipe



Floor Heating & Snow Melting PEX Pipe



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Heat Link[®] & Pure Link[™] PEX Pipe

Size	Color	Length	Brand		UV stab.	Packaging	Stk #	
Natural								
1/2"	Natural	20' x 20	PureLink [™] PEX-a	Straight Lengths	✓	Bag	99205	
1/2"	Natural	100' x 6	PureLink [™] PEX-a	PexCube [™]	✓	Box	99105	
1/2"	Natural	250'	PureLink [™] PEX-a	Coil	✓	Box	99255	
1/2"	Natural	300'	PureLink [™] PEX-a	Coil	✓	Box	99305	
1/2"	Natural	500'	PureLink [™] PEX-a	Coil	✓	Box	99505	
1/2"	Natural	1000'	PureLink [™] PEX-a	Coil	✓	Box	99905	
3/4"	Natural	20' x 10	PureLink [™] PEX-a	Straight Lengths	✓	Bag	99222	
3/4"	Natural	100' x 3	PureLink [™] PEX-a	PexCube [™]	✓	Box	99122	
3/4"	Natural	300'	PureLink [™] PEX-a	Coil	✓	Box	99322	
3/4"	Natural	500'	PureLink [™] PEX-a	Coil	✓	Box	99522	
3/4"	Natural	1000'	PureLink [™] PEX-a	Coil	✓	Bulk	99922	
1"	Natural	20' x 5	PureLink [™] PEX-a	Straight Lengths	✓	Bag	99228	
1"	Natural	100'	PureLink [™] PEX-a	Coil	✓	Bulk	99128	
1"	Natural	300'	PureLink [™] PEX-a	Coil	✓	Bulk	99328	
Pipe-in-pipe								
1/2"	Blue Sheath	100' x 3	PureLink [™] PEX-a	Coils	✓	Box	92105bs	
1/2"	Red Sheath	100' x 3	PureLink [™] PEX-a	Coils	✓	Box	92105rs	
1/2"	Purple Sheath	100' x 3	PureLink [™] PEX-a	Coils	✓	Box	92105ps	
3/4"	Blue Sheath	100' x 2	PureLink [™] PEX-a	Coils	✓	Box	92122bs	
3/4"	Red Sheath	100' x 2	PureLink [™] PEX-a	Coils	✓	Box	92122rs	
3/4"	Purple Sheath	100' x 2	PureLink [™] PEX-a	Coils	✓	Box	92122ps	
1"	Blue Sheath	100'	PureLink [™] PEX-a	Coils	✓	Box	92128bs	
1"	Red Sheath	100'	PureLink [™] PEX-a	Coils	✓	Box	92128rs	
1"	Purple Sheath	100'	PureLink [™] PEX-a	Coils	✓	Box	92128ps	
Blue								
1/2"	Blue	20' x 20	PureLink [™] PEX-a	Straight Lengths	✓	Bag	20205	
1/2"	Blue	100' x 6	PureLink [™] PEX-a	PexCube [™]	✓	Box	20105	
1/2"	Blue	300'	PureLink [™] PEX-a	Coil	✓	Box	20305	
1/2"	Blue	1000'	PureLink [™] PEX-a	Coil	✓	Bulk	20905	
3/4"	Blue	20' x 10	PureLink [™] PEX-a	Straight Lengths	✓	Bag	20222	
3/4"	Blue	100' x 3	PureLink [™] PEX-a	PexCube [™]	✓	Box	20122	
3/4"	Blue	300'	PureLink [™] PEX-a	Coil	✓	Box	20322	
Red								
1/2"	Red	20' x 20	PureLink [™] PEX-a	Straight Lengths	✓	Bag	21205	
1/2"	Red	100' x 6	PureLink [™] PEX-a	PexCube [™]	✓	Box	21105	
1/2"	Red	300'	PureLink [™] PEX-a	Coil	✓	Box	21305	
1/2"	Red	1000'	PureLink [™] PEX-a	Coil	✓	Bulk	21905	
3/4"	Red	20' x 10	PureLink [™] PEX-a	Straight Lengths	✓	Bag	21222	
3/4"	Red	100' x 3	PureLink [™] PEX-a	PexCube [™]	✓	Box	21122	
3/4"	Red	300'	PureLink [™] PEX-a	Coil	✓	Box	21322	
Size	Color	Length	Brand		O ₂ Barrier	UV stab.	Packaging	Stk. #
3/8"								
3/8"	Natural	300'	HeatLink [®] PEX-a	Coil	✓	✓	Box	94312
1/2"								
1/2"	Natural	250'	HeatLink [®] PEX-a	Coil	✓	✓	Box	94205
1/2"	Natural	300'	HeatLink [®] PEX-a	Coil	✓	✓	Box	94305
1/2"	Natural	500'	HeatLink [®] PEX-a	Coil	✓	✓	Box	94505
1/2"	Natural	1000'	HeatLink [®] PEX-a	Coil	✓	✓	Box	94105
5/8"								
5/8"	Natural	500'	HeatLink [®] PEX-a	Coil	✓	✓	Box	94519
5/8"	Natural	1000'	HeatLink [®] PEX-a	Coil	✓	✓	Box	94119
5/8"	Natural	450'	HeatLink [®] PEX-a	Coil	✓	✓	Box	99419*
5/8"	Natural	1000'	HeatLink [®] PEX-a	Coil	✓	✓	Box	99119*
3/4"								
3/4"	Natural	300'	HeatLink [®] PEX-a	Coil	✓	✓	Box	94322
3/4"	Natural	500'	HeatLink [®] PEX-a	Coil	✓	✓	Box	94522
3/4"	Natural	1000'	HeatLink [®] PEX-a	Coil	✓	✓	Bulk	94122
1"								
1"	Natural	100'	HeatLink [®] PEX-a	Coil	✓	✓	Bulk	94128
1"	Natural	500'	HeatLink [®] PEX-a	Coil	✓	✓	Bulk	94528
Large Diameter								
1-1/4" ID (40x3.7mm)		150'	HeatLink [®] PEX-a	Coil	✓		Bulk	94240
		300'	HeatLink [®] PEX-a	Coil	✓		Bulk	94340
1-1/4" ID (40x3.7mm)		150'	HeatLink [®] PEX-a	Coil			Bulk	99240
		300'	HeatLink [®] PEX-a	Coil			Bulk	99340
1-1/2" ID (50x4.6mm)		150'	HeatLink [®] PEX-a	Coil	✓		Bulk	94250
		300'	HeatLink [®] PEX-a	Coil	✓		Bulk	94350
1-1/2" ID (50x4.6mm)		150'	HeatLink [®] PEX-a	Coil			Bulk	99250
		300'	HeatLink [®] PEX-a	Coil			Bulk	99350
2" ID (63x5.7mm)		150'	HeatLink [®] PEX-a	Coil	✓		Bulk	94263
		300'	HeatLink [®] PEX-a	Coil	✓		Bulk	94363
2" ID (63x5.7mm)		150'	HeatLink [®] PEX-a	Coil			Bulk	99263
		300'	HeatLink [®] PEX-a	Coil			Bulk	99363

* special order item; subject to minimum order and lead time.

PEX Benefits

HeatLink[®] & PureLink[™] use only cross-linked polyethylene tubing. Known as PEX, cross-linked polyethylene offers distinct advantages over both metal piping materials and other plastic alternatives. Our pipe is virtually maintenance free. It is corrosion resistant, flexible, and remarkably clean. Long used worldwide, PEX has an outstanding and unblemished track record of quality performance. PEX's cross-linked molecular structure offers toughness and lasting durability. Our cross-linked polyethylene piping withstands temperatures ranging from below freezing to above the boiling point. Because it is pliable, a section of 1/2" pipe can be bent into a 3" (77 mm) radius at 68°F (20°C) without affecting tubing integrity. The material is highly crush resistant and can be submerged in concrete or earth without any damage.

Minimum bending radius at 68°F (20°C):

3/8"	=	2-1/4"	(57 mm)
1/2"	=	3"	(77 mm)
5/8"	=	3-3/4"	(95 mm)
3/4"	=	4-1/2"	(115 mm)
1"	=	6"	(153 mm)
1-1/4"	=	9-1/2"	(240 mm)
1-1/2"	=	12"	(300 mm)
2"	=	15"	(378 mm)

PureLink[™] PEX pipes are available in "Red" and "Blue" for easy identification of hot and cold supply pipes.

Listings

HeatLink[®] 3/8" to 1" heating PEX pipe are manufactured using the PEX-a (Engel/Peroxide) method to ASTM F-876, CSA B137.5; listed by CSA, IAMPO (UMC), ICC-ES, NSF-rfh, and ULC. Maximum operating temperature 180°F @ 100 PSI (82°C @ 690 kPa).

HeatLink[®] PEX pipe 94000 Series comes with oxygen diffusion barrier which prevents oxygen from entering the heating system through the pipe wall. Oxygen Barrier is manufactured to DIN 4726/9.

PureLink[™] 3/8" to 1" potable water PEX pipe sizes are manufactured using the PEX-a (Engel/Peroxide) method to ASTM F-876, CSA B137.5; listed by CSA, IAPMO (UPC), ICC-ES, NSF-61, and ULC. Maximum operating temperature 180°F @ 100 PSI (82°C @ 690 kPa).

HeatLink[®] & PureLink[™] PEX pipe is listed to ULC-S101 - *Standard Methods of Fire Endurance Tests of Building Construction and Materials*.

HeatLink[®] & PureLink[™] PEX pipe has been tested to CAN/ULC-S102.2 - *Standard Method of Test for Surface Burning Characteristics of Flooring, Floor Covering, and Miscellaneous Materials and Assemblies*.

It is the sole responsibility of the installer to verify that the product meets local standards.