

Size	Average O.D. in (mm)	Min. Wall Thickness in (mm)	Average I.D. in (mm)	Min. Bend Radius in (mm)	Min. Coil I.D. in (mm)	PEX Weight lb/ft (kg/m)	Fluid Volume USG/ft (L/m)	PEX + Water Weight lb/ft (kg/m)
½"	0.625 (15.88)	0.070 (1.78)	0.475 (12.07)	3.0 (77)	15.7 (400)	0.054 (0.081)	0.0092 (0.114)	0.13 (0.195)
¾"	0.875 (22.22)	0.097 (2.47)	0.671 (17.03)	4.5 (115)	18.9 (480)	0.102 (0.152)	0.0184 (0.228)	0.26 (0.380)
1"	1.125 (28.58)	0.125 (3.18)	0.862 (21.89)	6.0 (153)	21.6 (550)	0.170 (0.252)	0.0303 (0.376)	0.42 (0.629)
1 ¼"	1.375 (34.92)	0.153 (3.88)	1.054 (26.78)	7.5 (191)	24.4 (620)	0.251 (0.374)	0.0453 (0.563)	0.63 (0.937)
1 ½"	1.625 (41.28)	0.181 (4.59)	1.244 (31.62)	9.0 (229)	31.5 (800)	0.353 (0.525)	0.0631 (0.785)	0.88 (1.310)
2"	2.125 (53.98)	0.236 (6.00)	1.629 (41.37)	12.0 (305)	39.4 (1000)	0.602 (0.896)	0.1083 (1.344)	1.51 (2.240)

PPI PEX Tubing Ratings

Temperature (°F / °C)	Plastics Pipe Institute - recommended HDB (psi)	Hydrostatic Design Stress (psi)	Resultant- pressure Rating (psi)
73.4°F / 23°C*	1,250	630	160
180°F / 82.2°C*	800	400	100
200°F / 93.3°C*	630	315	80

* PureLink Plus® PEX tubing is listed in PPI TR-4 for these pressure/temperature ratings.

Standards

- ANSI/NSF-61
- ANSI/NSF-14
- ANSI/NSF-372
- ANSI/UL 263
- ASTM F876
- ASTM F877
- ASTM F1807
- ASTM F1960
- ASTM F2023
- ASTM F2080

- ASTM F2098
- ASTM F2159
- ASTM F2657
- ASTM E84
- CAN/ULC S101
- CAN/ULC S102.2-2007/2010
- CSA B137.5

Listings

- cNSF®us-pw-G – PEX 5106
- ICC-ES PMG 1087
- IAPMO UPC
- PPI TR-4
- CSA B137.5 Potable
- NSF-fs (½" & ¾")
- cQAlus P371
- UL/ULC

Dimension Diagram

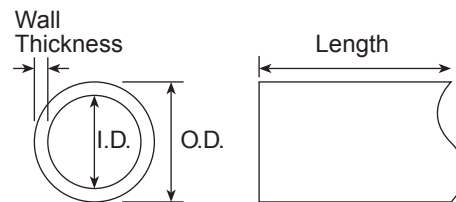
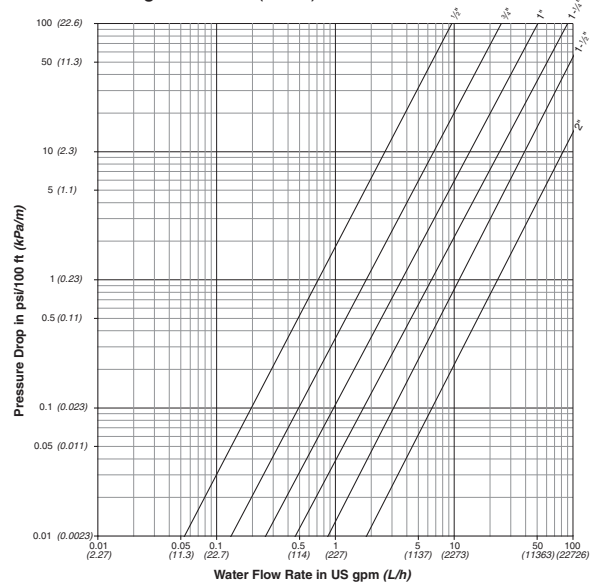


Chart settings at 120°F (49°C)



Plenum Rating

PureLink Plus PEX-a tubing has been tested in accordance with CAN/ULC S102.2-2007/2010, *Standard for Surface Burning Characteristics of Flooring, Floor Covering and Miscellaneous Materials and Assemblies* and ASTM E84, *Standard Test Method for Surface Burning Characteristics of Building Materials*.

CAN/ULC S102.2-2007/2010 (Canada)

Product	Size	Flame Spread (FS)	Smoke Development (SD)	Insulation Required	Spacing Requirements
PureLink® Plus	½"	<25	<50	No	Min. 8" (20 cm)
PureLink® Plus	½" - 2"	<25	<50	Yes**	None

** Requires ½" thick fiberglass insulation

ASTM E84 (United States)

Product	Size	Flame Spread (FS)	Smoke Development (SD)	Insulation Required	Spacing Requirements
PureLink® Plus	½" & ¾"	<25	<50	No	Min. 18" (46 cm)
PureLink® Plus	½" - 2"	<25	<50	Yes**	None

Installation

Installation of PureLink® and HeatLink® PEX tubing must follow all of HeatLink's instructions and guidelines.

Related Documents

- INFO 5 - PEX Tubing Technical Information (L2305)
- PEX-a Potable Water Press System Installation Guide (L3235)
- F1960 PEX-a Potable Water Expansion System Installation Guide (L3240)
- HeatLink Limited Plumbing Warranty