

Job or Customer :	
Location :	
Engineer :	
☐ Complies with Spec ☐ Alternate	Notes :
Contractor :	
HeatLink Rep :	
Submitted By :	Date :
Approved By :	Date :
P.O. Number :	Date :

Description

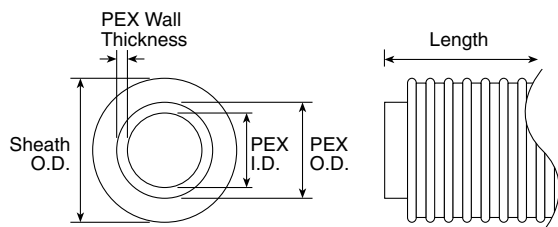
PureLink[®] Plus PEX-a tubing for hot/cold potable water systems or hydronic heating systems is chlorine resistant and chemically stabilized against extended UV exposure. This exceptional UV resistance offered by HeatLink[®] tubing allows the contractor some added protection if an installation is left exposed longer than expected. Even after an exposure of 12 months, the PEX still offers exceptional performance. The tubing is natural in color with blue or red printing to indicate "cold" or "hot" water lines. Covered by a twenty-five year limited manufacturers warranty. PureLink[®] PEX-a tubing is approved for use with fittings that are compliant with ASTM F1807/F1960/F2080/F2098/F2159 standards.

The flexible, impact resistant PP sheath designed as a raceway for electrical installations provides mechanical and UV protection to the PEX-a carrier tubing. The sheath allows for easy replacement of the PEX-a carrier tubing if needed. Blue and red colored sheaths make for easy identification of "cold" and "hot" water lines.

Qty	Stk. #	Size	Length	Coil	Sheath Color	Sheath O.D.	Coil O.D.	Coil Height	Weight
	92305bs	½"	300'	Coil	Blue	0.93" (23.6 mm)	28" (715 mm)	9.75" (245 mm)	23.85 lb (10.82 kg)
	92305rs	½"	300'	Coil	Red	0.93" (23.6 mm)	28" (715 mm)	9.75" (245 mm)	23.85 lb (10.82 kg)
	92322bs	¾"	300'	Coil	Blue	1.33" (33.8 mm)	35" (890 mm)	12" (305 mm)	48.00 lb (21.77 kg)
	92322rs	¾"	300'	Coil	Red	1.33" (33.8 mm)	35" (890 mm)	12" (305 mm)	48.00 lb (21.77 kg)
	92128bs	1"	100'	Coil	Blue	1.50" (38.1 mm)	30.5" (775 mm)	11.25" (285 mm)	22.90 lb (10.39 kg)
	92128rs	1"	100'	Coil	Red	1.50" (38.1 mm)	30.5" (775 mm)	11.25" (285 mm)	22.90 lb (10.39 kg)

PEX Size	Average O.D. in (mm)	Min. Wall Thickness in (mm)	Average I.D. in (mm)	Min. Bend Radius in (mm)	Fluid Volume USG/ft (L/m)
½"	0.625 (15.88)	0.070 (1.78)	0.475 (12.07)	3.0 (77)	0.0092 (0.114)
¾"	0.875 (22.22)	0.097 (2.47)	0.671 (17.03)	4.5 (115)	0.0184 (0.228)
1"	1.125 (28.58)	0.125 (3.18)	0.862 (21.89)	6.0 (153)	0.0303 (0.376)

Dimension Diagram



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

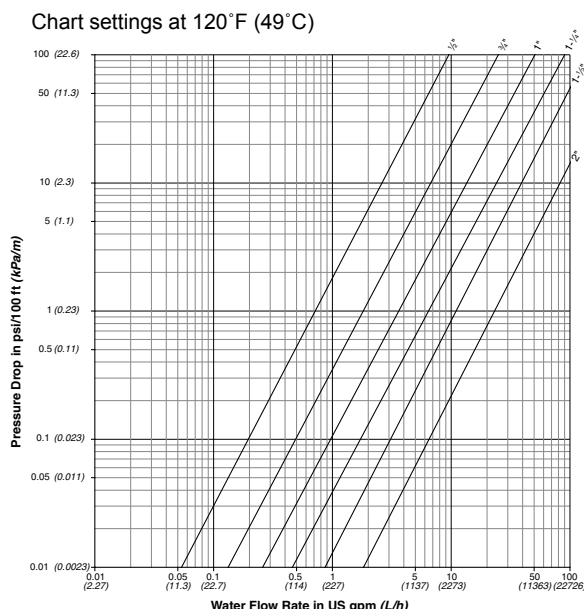
* PureLink Plus® PEX tubing is listed in PPI TR-4 for these pressure/temperature ratings.

Standards - PEX Carrier Tube

- ANSI/AWWA C904
- 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 - PEX Carrier Tube

- cNSF®us-pw-G – PEX 5106
 - NSF U.P.Code
 - ICC-ES
 - ICC-PMG
 - IAPMO UPC (½")
 - PPI TR-4
 - CSA B137.5 Potable
 - NSF-fs (½" & ¾")
 - Intertek - Certified to: ASTM E84 & CAN/ULC S102.2.
- Refer to Intertek's Directory of Building Products for detailed information.



Standards - Corrugated Sheath

- ASTM D4101

Technical Data - PEX Carrier Tube

Material:.....PEX-a (Engel/peroxide method)

Minimum Bend Radius:6× Size @ 68°F (20°C)

Coefficient of Thermal Conductivity:.....2.635 BTU/h/ft²/(°F/in)

0.38 W/(m °K)

Rate of Linear Expansion: 1.1"/100'/10°F

 $1.4 \times 10^{-4} \text{ m/(m } ^\circ\text{C)} @ 20^\circ\text{C}$

Max. Flow Velocity:.....13 ft/s (3.96 m/s)

Technical Data - Corrugated Sheath

Material: polypropylene

Operating Temperature:..... -40°F to 275°F (-40°C to 135°C) raw material

Pinch & Abrasion Resistance: Good

Flammability*:..... UL94HB

* Based on the UL 94 Standard Tests for Flammability of Plastic Materials.

Classifications are per ASTM test methods for raw material.

Conditions do not apply to finished product.

Materials classified as 94HB meet horizontal burn test requirements.

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)
- HeatLink Installation Guide (L3390)
- Potable Water Systems Installation Guide (L3235)
- HeatLink Limited Plumbing Warranty