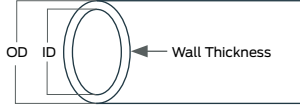




SharkBite™ PEX-b Red PEX-b Tubing

SharkBite™ PEX-b is a cross-linked polyethylene tubing designed for use in residential and commercial applications.

Specification Data



Tubing Dimensions

Nominal Size (CTS)	O. D. (in)	Wall Thickness (in)	Approx. I.D. (in)	Weight per ft. (lb.)	Volume per ft. (gal.)
3/8"	0.500 ± 0.003	0.070 + 0.010	0.35	0.041	0.005
1/2"	0.625 ± 0.004	0.070 + 0.010	0.475	0.053	0.009
3/4"	0.875 ± 0.004	0.097 + 0.010	0.671	0.102	0.018
1"	1.125 ± 0.005	0.125 + 0.013	0.862	0.170	0.045

Tolerances referenced from ASTM F876.

Applications

Potable water, residential fire suppression, radiant heating, direct burial, embedment in concrete, snow & ice melting, geothermal ground-loops, turf conditioning, municipal water service lines & plenum application.

Materials

Cross-Linked Polyethylene / PEX-b / Silane Method

Materials Designation Code - PEX 5306

(5) Chlorine Resistance	Rated to continuously recirculate hot water at 140°F (40°C)
(3) UV Resistance	Six-month UV resistance
(06) Hydrostatic Stress	160 psi @ (33°F - 70°F) (0.5°C - 21°C) 100 psi @ 180°F (80°C) 80 psi @ 200°F (93°C)

For more technical data, visit the product at:
<https://www.sharkbite.com/products/potable-plex-b>

Certifications & Listings

ANSI/NSF/CAN 61, ANSI/NSF 14, ASTM F876, ASTM F2023, ASTM F2657, ASTM F877, UL 1821, ASTM E84, ASTM E119 & CAN/ULC S101, AWWA C904

Code Approvals



Part number and description

Part #	PEX Tubing (Coil)
U855R100	3/8" 100' Coil
U860R25	1/2" 25' Coil
U860R50	1/2" 50' Coil
U860R100	1/2" 100' Coil
U860R300	1/2" 300' Coil
U860R500	1/2" 500' Coil
U860R1000	1/2" 1000' Coil
U870R25	3/4" 25' Coil
U870R50	3/4" 50' Coil
U870R100	3/4" 100' Coil
U870R300	3/4" 300' Coil
U870R500	3/4" 500' Coil
U880R100	1" 100' Coil
U880R300	1" 300' Coil
U880R500	1" 500' Coil

Part #	PEX Tubing (Straight Length)
U860R2	1/2" 2' Straight Length
U860R5	1/2" 5' Straight Length
U860R10	1/2" 10' Straight Length
U860R20	1/2" 20' Straight Length
U870R2	3/4" 2' Straight Length
U870R5	3/4" 5' Straight Length
U870R10	3/4" 10' Straight Length
U870R20	3/4" 20' Straight Length
U880R5	1" 5' Straight Length
U880R10	1" 10' Straight Length
U880R20	1" 20' Straight Length

Bend Radius

Unsupported Bend Radius = 8 X O.D.

Expansion & Contraction Rate

Expansion rate: 1.1" / 10°F / 100'

Product Submittal

Name	
Date	
Architect/Owner	
Contractor	
Tag	
Notes	