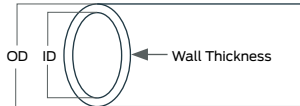




# SharkBite™ PEX-b White PEX-b Tubing

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.)
1/4"	1.375 ± 0.003	0.062 ± 0.010	0.241	0.027	0.002
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	0.169	0.030
1 - 1/4"	1.375 ± 0.005	0.153 ± 0.015	1.054	0.252	0.045
1 - 1/2"	1.525 ± 0.006	0.181 ± 0.019	1.244	0.354	0.063
2"	2.125 ± 0.006	0.236 ± 0.024	1.629	0.602	0.108

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 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)

## 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)	Part #	PEX Tubing (Straight Length)
U850W50	1/4" (3/8" OD) 50'	U850W5	1/4" (3/8" OD) 5'
U850W100	1/4" (3/8" OD) 100'	U855W5	3/8" 5'
U855W50	3/8" 50'	U855W10	3/8" 10'
U855W100	3/8" 100'	U860W2	1/2" 2'
U860W25	1/2" 25'	U860W5	1/2" 5'
U860W50	1/2" 50'	U860W10	1/2" 10'
U860W100	1/2" 100'	U860W20	1/2" 20'
U860W300	1/2" 300'	U870W2	3/4" 2'
U860W500	1/2" 500'	U870W5	3/4" 5'
U860W1000	1/2" 1000'	U870W10	3/4" 10'
U870W25	3/4" 25'	U870W20	3/4" 20'
U870W50	3/4" 50'	U880W5	1" 5'
U870W100	3/4" 100'	U880W10	1" 10'
U870W300	3/4" 300'	U880W20	1" 20'
U870W500	3/4" 500'	U885W20	1-1/4" 20'
U880W100	1" 100'	U890W20	1-1/2" 20'
U880W300	1" 300'	U895W20	2" 20'
U880W500	1" 500'		
U885W100	1-1/4" 100'		
U890W100	1-1/2" 100'		
U895W100	2" 100'		

### Materials

Cross-Linked Polyethylene / PEX-b / Silane Method

### Bend Radius

Unsupported Bend Radius = 8 X O.D.

### Expansion & Contraction Rate

Expansion rate: 1.1" / 10°F / 100'

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

### Product Submittal

Name	
Date	
Architect/Owner	
Contractor	
Tag	
Notes	

