

SharkBite®

PEX-b Tubing

Red, White, Blue

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

Applications

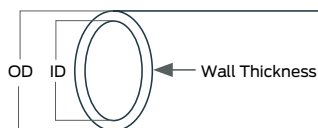
Designed for potable water and fire suppression applications. Approved for direct burial and embedded concrete installations when installed per applicable codes.

Specifications Data

Tubing Dimensions

Nominal Size (CTS)	O.D. (in.)	Wall Thickness (in.)	Approx. I.D. (in.)	Weight per ft. (lb.)	Volume per ft. (cu. ft.)
1/4 in.	0.375 ± 0.003	0.062 + 0.010	0.241	0.027	0.002
3/8 in.	0.500 ± 0.003	0.070 + 0.010	0.35	0.041	0.005
1/2 in.	0.625 ± 0.004	0.070 + 0.010	0.475	0.053	0.009
3/4 in.	0.875 ± 0.004	0.097 + 0.010	0.671	0.102	0.018
1 in.	1.125 ± 0.005	0.125 + 0.013	0.862	0.169	0.030

Tolerances referenced from ASTM F876.



Materials

Cross-Linked Polythethylene / PEX-b / Silane Method

Materials Designation Code - PEX 5306

Max Working Pressure

(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 @ 73°F (23°C) 100 psi @ 180°F (80°C) 80 psi @ 200°F (93°C)

Bend Radius

Unsupported Bend Radius = 6 X O.D.

Expansion & Contraction Rate

Expansion rate: 1.1 in. / 10° F / 100 ft.

Certifications & Listings

ASTM F876, ASTM F877, ASTM F3347, ASTM 3348, NSF/ANSI 14, NSF/ANSI/CAN 61, NSF/ANSI/CAN 372, ASTM F2023, ASTM F2657, CSA B137.5, ASTM E84CAN/ULC S102.2, ASTM E119CAN/ULC S101, UL 1821

For listing information, please contact Customer Service

Refer to local plumbing code

US 1-877-700-4242 | sharkbite.com
 Canada 1-888-820-0120 | canadasales@rwc.com

Product Submittal

Name	
Date	
Architect/Owner	
Contractor	
Tag	
Notes	

PEX-b Tubing Skus

Size (in.)	Coil/Stick	Length (ft.)	White	Blue	Red
1/4 in.	Stick	5	U850W5	-	-
1/4 in.	Coil	50	U850W50	-	-
1/4 in.	Coil	100	U850W100	-	-
3/8 in.	Stick	5	U855W5	-	-
3/8 in.	Stick	10	U855W10	U855B10	U855R10
3/8 in.	Coil	50	U855W50	-	-
3/8 in.	Coil	100	U855W100	U855B100	U855R100
1/2 in.	Stick	2	U860W2	U860B2	U860R2
1/2 in.	Stick	5	U860W5	U860B5	U860R5
1/2 in.	Stick	10	U860W10	U860B10	U860R10
1/2 in.	Stick	20	U860W20	U860B20	U860R20
1/2 in.	Coil	25	U860W25	U860B25	U860R25
1/2 in.	Coil	50	U860W50	U860B50	U860R50
1/2 in.	Coil	100	U860W100	U860B100	U860R100
1/2 in.	Coil	300	U860W300	U860B300	U860R300
1/2 in.	Coil	500	U860W500	U860B500	U860R500
1/2 in.	Coil	1000	U860W1000	U860B1000	U860R1000
3/4 in.	Stick	2	U870W2	U870B2	U870R2
3/4 in.	Stick	5	U870W5	U870B5	U870R5
3/4 in.	Stick	10	U870W10	U870B10	U870R10
3/4 in.	Stick	20	U870W20	U870B20	U870R20
3/4 in.	Coil	25	U870W25	U870B25	U870R25
3/4 in.	Coil	50	U870W50	U870B50	U870R50
3/4 in.	Coil	100	U870W100	U870B100	U870R100
3/4 in.	Coil	300	U870W300	U870B300	U870R300
3/4 in.	Coil	500	U870W500	U870B500	U870R500
1 in.	Stick	5	U880W5	U880B5	U880R5
1 in.	Stick	10	U880W10	U880B10	U880R10
1 in.	Stick	20	U880W20	U880B20	U880R20
1 in.	Coil	100	U880W100	U880B100	U880R100
1 in.	Coil	300	U880W300	U880B300	U880R300
1 in.	Coil	500	U880W500	U880B500	U880R500