

SharkBite™

PEX-b Tubing

Red, White, Blue

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

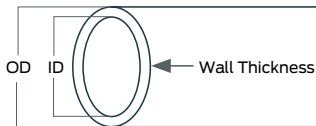
Applications

Potable water distribution, radiant heating, direct burial, embedded in concrete, snow & ice melting, geothermal groundloops, turf conditioning, municipal water service lines, fire suppression & plenum application.

Specifications Data

Tubing Dimensions					
Nominal Size (CTS)	O.D. (in.)	Wall Thickness (in.)	Approx. I.D. (in.)	Weight per ft. (lb.)	Volume per ft. (lb.)
1/4 in.	1.375 ± 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-a / Peroxide 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 @ 73.4°F (23.4°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,
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