

SharkBite™

Natural PEX-a Tubing

Red Text and Blue Text

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

Applications

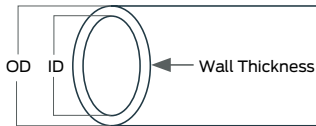
Potable water distribution, radiant heating, direct burial, embedded in concrete, snow & ice melting, geothermal groundloops, turf conditioning, fire suppression & plenum application.

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.)
1/2 in.	0.625 ± 0.004	0.070 + 0.010	0.475	0.53	0.009

Tolerances referenced from ASTM F876.



Materials

Cross-Linked Polythethylene / PEX-a / Peroxide Method

Materials Designation Code - PEX 5006

Max Working Pressure

(5) Chlorine Resistance	Rated to continuously recirculate Hot water at 140°F (40°C)
(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)

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 E84, CAN/ULC S102.2,
ASTM E119, CAN/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	

Natural PEX-a Tubing Skus

Size (in.)	Coil/Stick	Length (ft.)	Blue Text	Red Text
1/2 in.	Stick	10	UA60NB10	UA60NR10
1/2 in.	Coil	100	UA60NB100	UA60NR100
1/2 in.	Coil	300	UA60NB300	UA60NR300