

SharkBite™

PEX-a Tubing

Red, White, and Blue

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

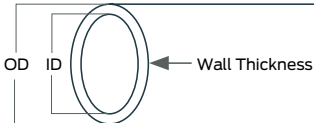
Applications

Potable water distribution, radiant heating, direct burial, embedded in concrete, snow & ice melting, geothermal groundloops, turf conditioning, 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.)
1/2 in.	0.625 ± 0.004	0.070 + 0.010	0.475	0.53	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
1-1/4 in.	1.375 ± 0.005	0.153 + 0.015	1.054	0.250	0.045
1-1/2 in.	1.625 ± 0.006	0.181 + 0.019	1.244	0.350	0.063
2 in.	2.125 ± 0.006	0.236 + 0.024	1.629	0.600	0.108

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 @ (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 E84CAN/ULC S102.2,
ASTM E119CAN/ULC S101,
UL 1821-2003



For listing information, please contact Customer Service

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Product Submittal

Name	
Date	
Architect/Owner	
Contractor	
Tag	
Notes	

Rev 2.0 / 03-25-25

AN RWC BRAND
RWC

PEX-a Tubing Skus

Size (in.)	Coil/Stick	Length (ft.)	White	Blue	Red
1/2 in.	Stick	5	UA60W5	UA60B5	UA60R5
1/2 in.	Stick	10	UA60W10	UA60B10	UA60R10
1/2 in.	Stick	20	UA60W20	UA60B20	UA60R20
1/2 in.	Coil	100	UA60W100	UA60B100	UA60R100
1/2 in.	Coil	300	UA60W300	UA60B300	UA60R300
3/4 in.	Stick	5	UA70W5	UA70B5	UA70R5
3/4 in.	Stick	10	UA70W10	UA70B10	UA70R10
3/4 in.	Stick	20	UA70W20	UA70B20	UA70R20
3/4 in.	Coil	100	UA70W100	UA70B100	UA70R100
3/4 in.	Coil	300	UA70W300	UA70B300	UA70R300
1 in.	Stick	10	UA80W10	-	-
1 in.	Stick	20	UA80W20	UA80B20	UA80R20
1 in.	Coil	100	UA80W100	UA80B100	UA80R100
1-1/4 in.	Stick	20	UA85W20	-	-
1-1/4 in.	Coil	100	UA85W100	-	-
1-1/2 in.	Stick	20	UA90W20	-	-
1-1/2 in.	Coil	100	UA90W100	-	-
2 in.	Stick	20	UA95W20	-	-
2 in.	Coil	100	UA95W100	-	-