SharkBite® PEX Pipe with Oxygen Barrier

DESCRIPTION

SharkBite® PEX Pipe with Oxygen Barrier is cross-linked polyethylene pipe used for radiant floor and hydronic heating applications. SharkBite PEX Pipe with Oxygen Barrier is manufactured with an oxygen diffusion barrier applied to the exterior. This barrier limits oxygen permeation through the pipe wall in hydronic heating applications and prevents corrosion of ferrous metal parts in the heating system.



FEATURES AND BENEFITS

SharkBite Pipe:
Strong, flexible, resilient pipe that provides superior temperature performance.

Complete connection system:
System provides a wide selection of fittings and pipe to ensure a trouble-free rough-in.

Listed to NSF 14 and CSA B137.5 for use in potable water systems:
Inspector friendly, peace of mind!

Manufactured and tested to meet or exceed the requirements of the ASTM F-876, ASTM F-877, ASTM F-2023 and CSA B137.5:
Specify and install with confidence!

Variety of connection options, SharkBite PEX can be connected with SharkBite® Push-To-Connect (PTC) fittings, or Cash Acme® barbed fittings:
Flexible installation options.

Oxygen diffusion barrier applied on its exterior:
Helps prevent the corrosion of ferrous metal parts in the heating system.

SPECIFICATION

Radiant floor and other hydronic heating applications shall be plumbed using SharkBite cross-linked polyethylene pipe with oxygen barrier and all joints shall be made using SharkBite PTC fittings or brass Cash Acme barbed fittings with clamps. Pipe and fittings shall be installed as outlined in the SharkBite PEX installation manual. Pipe shall meet the dimension and performance specifications of ASTM F-876/F-877 and CSA B137.5. Pipe shall also comply with NSF 14 standards as suitable for use with potable water.

SharkBite® PEX Pipe with Oxygen Barrier

SPECIFICATION DATA

Performance:
Maximum Working Pressure:
160 psi @ 73.4°F (23°C)
100 psi @ 180°F (82°C)
80 psi @ 200°F (93°C)

Materials:
Pipe . . . . . PEX-C cross-linked polyethylene

Model	Nominal Tubing Size				Coil Length		Bend Radius		Fluid Capacity Per 100'		Package Weight	
	ID		OD		ft	M	in	mm	gal	ltrs	lbs	kgs
	in	mm	in	mm								
Oxygen Barrier Pipe												
U855O100	3/8"	10	1/2"	15	100	30.48	4	102	0.53	2.01	4.5	2.0
U855O300	3/8"	10	1/2"	15	300	91.44	4	102	0.53	2.01	13.5	6
U855O500	3/8"	10	1/2"	15	500	152.40	4	102	0.53	2.01	23	10.4
U860O100	1/2"	15	5/8"	16	100	30.48	5	127	0.96	3.65	5.5	2.5
U860O300	1/2"	15	5/8"	16	300	91.44	5	127	0.96	3.65	14.5	6.6
U860O500	1/2"	15	5/8"	16	500	152.40	5	127	0.96	3.65	24	10.9
U870O100	3/4"	20	7/8"	22	100	30.48	7	178	1.9	7.22	10.5	4.8
U870O300	3/4"	20	7/8"	22	300	91.44	7	178	1.9	7.22	31.5	14.4
U870O500	3/4"	20	7/8"	22	500	152.40	7	178	1.9	7.22	45	20.4
U880O100	1"	25	1-1/8"	29	100	30.48	10	254	3.1	11.78	18	8.2
U880O300	1"	25	1-1/8"	29	300	91.44	10	254	3.1	11.78	54	24.6
U880O500	1"	25	1-1/8"	29	500	152.40	10	254	3.1	11.78	90	40.8

CERTIFICATIONS

The SharkBite pipe with oxygen barrier is approved for use in all model codes in the US and Canada for use in hydronic and potable water systems and is certified to the following standards: NSF 14/61, ASTM F-876, ASTM F-877, CSA B137.5 and AWWA C904.