PurePEX

SUBMITTAL SHEET

Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO Number:	
Representative:	

PEX
PEX-B Pipe

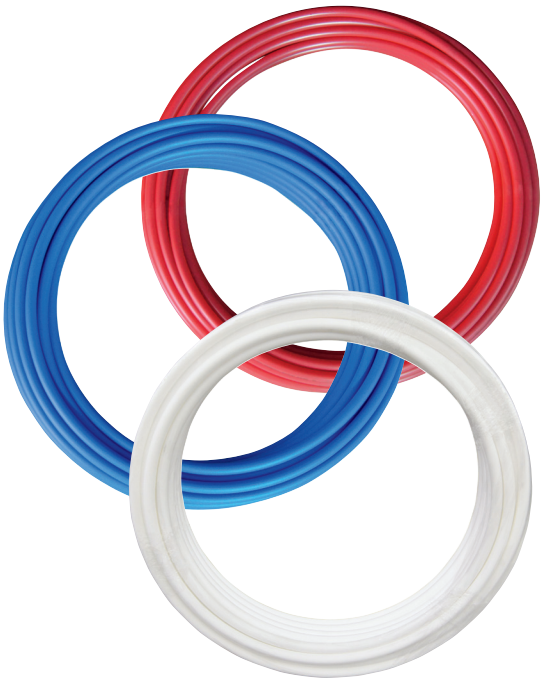
PurePEX pipe is cross-linked, high-density polyethylene. It's available in white, red, or blue colors for easy identification of hot and cold water lines.

The silane method, also called the "moisture cure" method, results in PEX-B. In this method, cross-linking is performed in a secondary post-extrusion process, producing cross-links between a cross-linking agent. The process is accelerated with heat and moisture. The cross-linked bonds are formed through silanol condensation between two grafted vinyltrimethoxysilane (VTMS) units, connecting the polyethylene chains with C-C-Si-O-Si-C-C bridges.[1]

PurePEX pipe is for use in hot and cold potable water distribution systems. PurePEX pipe can also be used in "continuously recirculating" plumbing systems up to 140° F while maintaining chlorine resistance. The pipe may be installed in concrete, gypsum based lightweight concrete, sand, asphalt, in or under wood flooring, or behind wallboard or plaster.

Features:

- Tough
- Flexible
- Less expensive than other plumbing materials
- Copper tube size dimensions (CTS)
- Available in white, red, or blue
- 25-Year warranty



Standards / Certifications:

- PEX 5306 - SDR 9
- cNSFus-pw
- cUPC
- ASTM E84 Fire Rating
- Meets ASTM F876/F877
- ANSI/NSF Standards 61 & 14
- CSA B137.5

Hydrostatic Ratings:

- Hydrostatic ratings of 200°F at 80 psi, 180°F at 100 psi, and 73.4°F at 160 psi; operating conditions should not exceed 140°F at 80 ps

Country of Origin:

- USA

Installation:

To cut PEX-B pipe, use a PEX pipe cutter and cut at a 90° angle. Clear the cut end of any burrs or debris. PEX-B pipe can be run through holes drilled into the center of studs or by using straps and hangers. Bend supports can be used to make bends and angles instead of having to cut the pipe and use fittings. A variety of barb fittings or push type fittings can be used with PEX-B pipe. Do not expose PEX-B pipe to direct sunlight. It is rated for 3 weeks of UV protection.

It is recommended to insulate hot water lines with standard foam polyethylene pipe insulation to prevent heat loss. If installing in an area that experiences harsh winters, it's recommended to insulate both hot and cold water lines to prevent freezing.

[1] *http://en.wikipedia.org/wiki/Cross-linked_polyethylene*

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Blue PEX-B Pipe				
Part #	**Size (CTS)**	**Length**	**O.D.**	**Nom. I.D.**
WPPB1012	1/2"	10'	0.625±.002	0.485
WPPB2012	1/2"	20'	0.625±.002	0.485
WPPB10012	1/2"	100'	0.625±.002	0.485
WPPB30012	1/2"	300'	0.625±.002	0.485
WPPB50012	1/2"	500'	0.625±.002	0.485
WPPB1034	3/4"	10'	0.875±.002	0.681
WPPB2034	3/4"	20'	0.875±.002	0.681
WPPB10034	3/4"	100'	0.875±.002	0.681
WPPB30034	3/4"	300'	0.875±.002	0.681
WPPB50034	3/4"	500'	0.875±.002	0.681
WPPB201	1"	20'	1.125±.002	0.875
WPPB1001	1"	100'	1.125±.002	0.875
WPPB3001	1"	300'	1.125±.002	0.875

Red PEX-B Pipe				
Part #	**Size (CTS)**	**Length**	**O.D.**	**Nom. I.D.**
WPPR1012	1/2"	10'	0.625±.002	0.485
WPPR2012	1/2"	20'	0.625±.002	0.485
WPPR10012	1/2"	100'	0.625±.002	0.485
WPPR30012	1/2"	300'	0.625±.002	0.485
WPPR50012	1/2"	500'	0.625±.002	0.485
WPPR1034	3/4"	10'	0.875±.002	0.681
WPPR2034	3/4"	20'	0.875±.002	0.681
WPPR10034	3/4"	100'	0.875±.002	0.681
WPPR30034	3/4"	300'	0.875±.002	0.681
WPPR50034	3/4"	500'	0.875±.002	0.681
WPPR201	1"	20'	1.125±.002	0.875
WPPR1001	1"	100'	1.125±.002	0.875
WPPR3001	1"	300'	1.125±.002	0.875

White PEX-B Pipe				
Part #	**Size (CTS)**	**Length**	**O.D.**	**Nom. I.D.**
WPPW10018	1/8"	100'	0.250±.002	0.125
WPPW10014	1/4"	100'	0.375±.002	0.250
WPPW1012	1/2"	10'	0.625±.002	0.485
WPPW2012	1/2"	20'	0.625±.002	0.485
WPPW10012	1/2"	100'	0.625±.002	0.485
WPPW30012	1/2"	300'	0.625±.002	0.485
WPPW50012	1/2"	500'	0.625±.002	0.485
WPPW1034	3/4"	10'	0.875±.002	0.681
WPPW2034	3/4"	20'	0.875±.002	0.681
WPPW10034	3/4"	100'	0.875±.002	0.681
WPPW30034	3/4"	300'	0.875±.002	0.681
WPPW50034	3/4"	500'	0.875±.002	0.681
WPPW201	1"	20'	1.125±.002	0.875
WPPW1001	1"	100'	1.125±.002	0.875
WPPW3001	1"	300'	1.125±.002	0.875
WPPW5001	1"	500'	1.125±.002	0.875
WPPW10012	1½"	100'	1.625±.002	1.375

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