# SUBMITTAL SHEET

# **PEX**

# **PEX-B Pipe**

Apollo PEX 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.<sup>1</sup>

Apollo PEX pipe is for use in hot and cold potable water distribution systems. Apollo PEX pipe can also be used in "continuously recirculating" plumbing systems up to 140° F while maintaining chlorine resistance. The pipe may be directly buried or 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

### Standards / Certifications:

• PEX 5006 - SDR 9

• Meets ASTM F876/F877

cNSFus-pw

• ANSI/NSF Standards 61 & 14

• cUPC

• CSA B137.5

• ASTM E84 Fire Rating

## Pressure & Temperature:

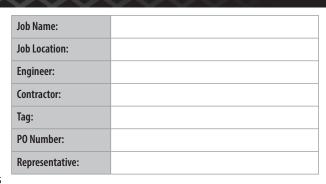
• 160 psi @ 73° F, 100 psi @ 180° F

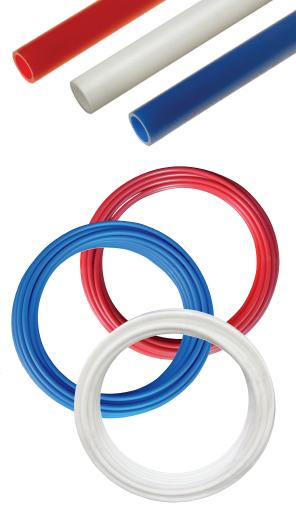
## **Installation:**

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 Apollo PEX pipe. *Do not expose PEX pipe to direct sunlight. It is rated for 30 days 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.

<sup>1</sup> http://en.wikipedia.org/wiki/Cross-linked\_polyethylene







Blue PEX Pipe							
Part #	Size (CTS)	Length	O.D.	Nom. I.D.			
APPB212	1/2"	2'	0.625±.002	0.485			
APPB512	1/2"	5'	0.625±.002	0.485			
APPB1210	1/2"	10'	0.625±.002	0.485			
APPB2012	1/2"	20'	0.625±.002	0.485			
APPB10012	1/2"	100'	0.625±.002	0.485			
APPB30012	1/2"	300'	0.625±.002	0.485			
APPB50012	1/2"	500'	0.625±.002	0.485			
APPB234	3/4"	2'	0.875±.002	0.681			
APPB534	3/4"	5'	0.875±.002	0.681			
APPB3410	3/4"	10'	0.875±.002	0.681			
APPB2034	3/4"	20'	0.875±.002	0.681			
APPB10034	3/4"	100'	0.875±.002	0.681			
APPB30034	3/4"	300'	0.875±.002	0.681			
APPB50034	3/4"	500'	0.875±.002	0.681			
APPB1001	1"	100'	1.125±.002	0.875			

Red PEX Pipe							
Part #	Size (CTS)	Length	O.D.	Nom. I.D.			
APPR212	1/2"	2'	0.625±.002	0.485			
APPR512	1/2"	5'	0.625±.002	0.485			
APPR1210	1/2"	10'	0.625±.002	0.485			
APPR2012	1/2"	20'	0.625±.002	0.485			
APPR10012	1/2"	100'	0.625±.002	0.485			
APPR30012	1/2"	300'	0.625±.002	0.485			
APPR50012	1/2"	500'	0.625±.002	0.485			
APPR234	3/4"	2'	0.875±.002	0.681			
APPR534	3/4"	5'	0.875±.002	0.681			
APPR3410	3/4"	10'	0.875±.002	0.681			
APPR2034	3/4"	20'	0.875±.002	0.681			
APPR10034	3/4"	100'	0.875±.002	0.681			
APPR30034	3/4"	300'	0.875±.002	0.681			
APPR50034	3/4"	500'	0.875±.002	0.681			
APPR1001	1"	100'	1.125±.002	0.875			

White PEX Pipe							
Part #	Size (CTS)	Length	O.D.	Nom. I.D.			
APPW514	1/4"	5'	0.375±.002	0.260			
APPW538	3/8"	5'	0.500±.002	0.360			
APPW1038	3/8"	10'	0.500±.002	0.360			
APPW212	1/2"	2'	0.625±.002	0.485			
APPW512	1/2"	5'	0.625±.002	0.485			
APPW1012	1/2"	10'	0.625±.002	0.485			
APPW2012	1/2"	20'	0.625±.002	0.485			
APPW10012	1/2"	100'	0.625±.002	0.485			
APPW30012	1/2"	300'	0.625±.002	0.485			
APPW50012	1/2"	500'	0.625±.002	0.485			
APPW234	3/4"	2'	0.875±.002	0.681			
APPW534	3/4"	5'	0.875±.002	0.681			
APPW1034	3/4"	10'	0.875±.002	0.681			
APPW2034	3/4"	20'	0.875±.002	0.681			
APPW10034	3/4"	100'	0.875±.002	0.681			
APPW30034	3/4"	300'	0.875±.002	0.681			
APPW50034	3/4"	500'	0.875±.002	0.681			
APPW51	1"	5'	1.125±.002	0.875			
APPW101	1"	10'	1.125±.002	0.875			
APPW1001	1"	100'	1.125±.002	0.875			
APPW3001	1"	300'	1.125±.002	0.875			
APPW5001	1"	500'	1.125±.002	0.875			

