



PEX-B PIPE

PurePEX pipe is cross-linked, high-density polyethylene. 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 and available in white, red, or blue colors for easy identification of hot and cold water lines. PurePEX pipe can also be used in continuously recirculating plumbing systems up to 140° F while maintaining chlorine resistance. PurePEX 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
- Approved for use with brass or poly alloy crimp fittings (F1807 and F2159)

Standards / Certifications:

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

Pressure & Temperature:

- 160 psi @ 73° F, 100 psi @ 180° F

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