



VesiHeat PEX-c Submittal Sheet

Project _____

Engineer _____

Contractor _____

Submitted By _____ **Date** _____

Approved By _____ **Date** _____

VesiHeat PEX-c tubing is made of high-density polyethylene, cross-linked by the irradiation method (commonly referred to the “electron beam” method). This method of cross-linking provides excellent long-term properties at elevated water temperatures, resistance to chemicals, erosion, corrosion, expansion, contraction, abrasion, high pressure and water hammer. The Oxygen Barrier is applied to the outside of the tube to prevent premature component failure due to oxidization. Every coil is tested to ensure proper cross-linking percentage (75% - 89%). PEX-c is the most environmentally friendly PEX. There are no chemical byproducts produced during the cross-linking process. Long-term testing has been performed on PEX-c since the early 1960’s. The product is available in Natural Colour. Covered by a 25-Year warranty.



Nominal Tube Size	Outside Diameter	Tolerance	Wall Thickness	Weight lbs. / 100 Feet	Capacity Gal / 100 Feet	Maximum Bend Radius
1/2"	0.625"	+/- 0.004"	0.070"	5.35	0.92	3.75"
5/8"	0.750"	+/- 0.004"	0.083"	8.38	1.34	4.5"
3/4"	0.875"	+/- 0.004"	0.097"	10.23	1.84	5.25"
1"	1.125"	+/- 0.005"	0.125"	16.89	3.04	6.75"
1-1/4"	1.375"	+/- 0.005"	0.153"	25.13	4.53	8.25"

Listings and Approvals

- NSF Standard 61: Drinking Water System Components - Health Effects
- NSF Standard 14: Drinking Water System Components - Performance
- Plastic Pipe Institute (PPI) Hydrostatic Stress Board, TR-4/2000 Listing, Standard Grade @ 73° F. (23° C.) HDB 1250 psi, 180° F. (83° C.) HDB 800 psi and 200° F. (93° C.) HDB 630 psi.
- CSA Standard B137.5 - Cross-linked polyethylene (PEX) tubing for pressure applications
- CSA Standard B125.93 - Plumbing Fittings, Certificate of Compliance
- U.P. Code
- NSF CI-TD Chlorine Resistance Performance for Potable Water Applications
- ASTM F876-04: Standard Specification for Crosslinked Polyethylene (PEX) Tubing
- ASTM F877-05: Standard Specification for Crosslinked Polyethylene (PEX) Tubing - hot and cold water Distribution Systems
- ASTM F1960, F2080, F1807, F2098 & F2159