

TECHNICAL DATA SHEET

LEAD FREE BRASS PEX FITTINGS

Applications: Conveying or dispensing water for human consumption through drinking or cooking as well as other water applications. Used with Copper, Brass & Pex tube.

Lead Free Brass: (Not Containing more than 0.25% weighted average lead on wetted surfaces) Pipe threads must be sealed using approved thread sealant.

Material: C46500 Lead Free DZR (Dezincification resistant) Brass

Working Temperature: -65°F (-54°C) to 250°F (120°C)

Packaging: 1

US Federal Legislation:

- Bill S.3874 "Reduction of Lead in Drinking Water Act"
- Passed by the Obama Administration January 5, 2011, with a 3 year phase in period, in full effect January 5, 2014
- Provides a US Federal mandate to adhere to the 0.25% weighted average lead content of wetted surfaces in all potable water systems throughout the United States.
- The above Federal legislation will make it an offence to sell, offer to sell, or install into service any plumbing product or device that may come in contact with potable water, that is in excess of the 0.25% weighted average lead content.

Low Lead requirements in Canada:

ASME A112.18.1/CSA N125.1 and CSA B125.3 standards for Plumbing fittings were amended as of December 2012 to include the following under section 4.9 Toxicity and Lead Content: 4.9.3

Fittings intended to convey or dispense water for human consumption through drinking or cooking shall not contain a weighted average lead content in excess of 0.25% when evaluated in accordance with the test method specified in NSF/ANSI 372.

**WARNING: Because lead-free brass is harder it can also be more brittle.
To prevent cracking, extra care should be taken not to over-tighten lead-free fittings.**

Certifications:

Pex Fittings are certified to: • NSF 14 • NSF 61 • ASTM F1807 • CSA B137.5 • UP CODE

FAIRVIEW PEX FITTINGS ADVANTAGES:

- Raw material, mechanical properties/dimensions meet ASTM B124/ASTM B249.
- Induction heated forging (constant temperature) as per ASTM B283.
- Controlled dimensional workmanship to ASTM F1807.
- Proper annealing (stress relief) using state of the art equipment.
- Residual stress tests during final inspection to isolate any possibility of future cracking due to dezincification (ASTM B858, ASTM F1807, GB/T 8000-2001).

