

LEAD FREE BRASS PIPE FITTINGS (LFB_PIPE)

Applications:

Conveying or dispensing water for human consumption through drinking or cooking as well as other Oil, Air, Natural Gas, LP-Gas and Water applications. Used with Copper, Brass, Aluminum, Plastic Tube (add insert and use Delrin sleeve). Use with Brass, Steel, Iron Pipe. Pipe threads must be sealed using approved thread sealant.

Lead Free Brass: (Not Containing more than 0.25% weighted average lead on wetted surfaces)

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.

Working Pressure:

Dash Size	Pipe Size	PSI (W.P)	PSI (Burst)
A	1/8	1200	15000
B	1/4	1200	15000
C	3/8	1200	5000
D	1/2	1200	5000
E	3/4	1200	5000
H	1	1200	5000
J	1-1/4	1200	5000
K	1-1/2	1200	5000
M	2	1200	5000
N	2-1/2	1200	5000
H	3	1200	5000

Assembly:

- Apply thread sealant compound or tape.
- If using tape, wind in the direction of the threads.
- Do not tape first 2 (starting) threads.
- Assemble hand tight.
- Tighten a minimum of 2-1/2 full turns past hand tight.

Advantages:

- Unlimited reusability.
- Unlimited connector combinations.

Working Temperature:

-65°F (-54°C) to 250°F (120°C)