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Plumbing Benefits

Complete Plumbing Systems for
Residential & Commercial Applications



The new generation of plumbing

Water distribution systems go as far back as roman times with their aqueducts, and even Leonardo Da Vinci came up with inventions to improve water delivery for all kinds of applications. In each case, the tradesmen had to use the best suited materials available to them at the time. Earlier in the 20th century, black iron pipes were used until later when lighter materials such as copper became available and has remained the choice of the majority of plumbers up until quite recently.

Today, PEX with its unique and durable properties is fast becoming the material of choice. PEX was developed from standard polyethylene pipes to improve its proper-

ties. By cross-linking (X) the polyethylene (PE), it greatly improves its ability to withstand higher temperatures at higher pressures and at the same time improves its long-term strength. But not all PEX is the same. There are three different methods of cross-linking polyethylene PEXa, PEXb and PEXc. But only one stands out as offering the most durability and benefit, and that is PEXa.

MrPEX® Plumbing Systems use MrPEX®—PEXa tubing together with ASTM F1807 & F1960 Lead Free Brass and ASTM F2159 & F1960 PPSU fittings, offering some real advantages as compared to conventional copper pipe systems.

Cost savings

MrPEX® Plumbing systems are easier to install and cost less than a copper system. Due to its flexibility, routing our pex pipes through the structure is much more efficient, thus saving labor. Not only is the material less expensive, it also requires fewer fittings which further reduces cost.

Quiet

The flexibility and low friction of MrPEX® pipes greatly reduces the “water hammer”, “velocity” noise common with metal pipes.

Clean & durable

MrPEX® plumbing tubing does not corrode. Further, due to its smooth inside, it does not foster buildup of calcium or other impurities that may impede water flow or cleanliness. PEXa tubing has a proven track record with **over 40 year of improved strength, durability, and resistance to harsh chemicals or aggressive water conditions.** In addition, PEXa can be allowed to expand dramatically without bursting. This means that **water can actually freeze inside the pipe allowing it to expand with the ice**, then as it thaws, the pipe will return to its

normal size without any degradation to the pipe. A word of caution on this, if the pressure from the ice has no place to escape, it is possible for the pressure to gradually build and exceed the capacity of the tubing thus bursting. So, we can say that it is “Freeze resistant”, not “Freeze proof”. The red, white or blue color layer on the outside of the pipe has several purposes; to identify hot or cold, to reduce UV degradation, giving you protection for up to 6 months, and to block light to eliminate potential algae growth.

Warranty

MrPEX® offers a 30 year warranty on the PEX pipes and 5 year warranty on the fittings. But, if installed as a system by a MrPEX® trained installer, **we offer a 10 year transferrable warranty on the whole system.**



Discover the many benefits of a MrPEX® plumbing system.

Complete System Offerings

- Red, White & Blue PEXa Tubing
- Lead Free Brass ASTM F1807 & F1960 Fittings
- PPSU ASTM F2159 & F1960 Fittings
- Multiport Tee's
- Accessories
- Tools

Combination Method

Homerun Method

Branch & Tee Method

Why MrPEX®?

MrPEX® Systems offers all components required for superior radiant panel heating/cooling and snowmelt systems. MrPEX® Tubing is extremely flexible, unusually strong and kink-resistant. We operate with high integrity and customer service in addition to an **extensive 30 year warranty**.

Please contact your local rep or call us to find out more.

Who is MrPEX®?



MrPEX®—Tomas Lenman—started at Wirsbo Bruks AB in Sweden as a development engineer in 1971, developing the very first PEX process ever invented. He developed many Standard Specifications for PEX Tubing in Europe and Australia. MrPEX® wrote the ASTM F 876/877 for PEX Tubing during 1982–84. In 1982 he co-authored the book "Water and Pipes". He founded and managed Wirsbo Company (USA) 1984–1992 and continued consulting for this group until 1996. He authored the CSA B137.5 standard for PEX Tubing in 1989.

MrPEX® managed the successful start-up of Roth Industries PEX Tubing Division 1997–2001 after which he started his own radiant floor heating supply company: MrPEX® Systems using PEX Tubing with exclusive distribution in North America for LK PEX AB in Sweden. The unique production process is invented by Mr. Lennart Aagren of Sweden, previously manager of Uponor Innovation AB for many years, and his second innovation of a PEX Tubing manufacturing process.

No one has more knowledge and experience with PEX Tubing and Radiant Floor Heating Systems than MrPEX®.



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