

## INSTALLATION MADE EASY WITH ULTRAPURE...

Since their 2010 introduction, lead-free alloys have provided a source of confusion and questions for installing contractors who were soldering valves made with the new materials into potable water delivery systems. In addition to the valve metallurgy, it remains essential that the solder and flux being utilized also contain no lead. Lead-based solder would obviously defeat the purpose of the no-lead alloys.



Some valve manufacturers require specific brands of solder and flux when soldering their products. In fact, some are requiring very specific combinations, further complicating the installation of those products. This is not the case with UltraPure products from Milwaukee Valve.

While lead-free flux and solder are required meet the new regulations, no additional special handling is necessary for UltraPure products. Continue to use the lead-free flux and solder with which you are most comfortable when installing our valves, which should save both time and money. Contractors don't have to plan around what flux and solder are permitted on a jobsite; or where they can purchase the "appropriate" brand required to install a competitor's product. Always look to UltraPure products first, and then have confidence that you have made the right choice.

The soldering technique for UltraPure products is the same as standard products, but the thermal conductivity and heat transfer characteristics of the materials are slightly different. Some care should be taken.

The short video below explains the process of soldering an UltraPure valve.

[Milwaukee Valve Company Soldering UltraPure® Low Lead Valves - YouTube](#)

For more soldering questions, please contact your Milwaukee Valve representative or regional manager. Get complete specs and features for UltraPure valves and our other valve lines at [www.MilwaukeeValve.com](http://www.MilwaukeeValve.com).



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