



PEX PIPING SYSTEMS

**ProPEX® LEAD-FREE (LF)
BRASS COMMERCIAL
BALL VALVES**

Uponor ProPEX® Lead-free (LF) Brass Commercial Ball Valves

SELL SHEET

Targeted for commercial plumbing and hydronic distribution piping applications, Uponor is now offering an industry-first — code-listed, LF-brass, commercial-grade, PEX-to-PEX, full-port ball valves in sizes from 1/2" to 2".



Features

- Only valve listed to ASTM F1960, NSF 14/61, NSF 359 and the Uniform Plumbing Code (UPC)
- Allows designers and installers to specify and install an inline, PEX-to-PEX ball valve anywhere in the system
- Features Uponor’s durable, reliable ProPEX® fitting system for connections that hold tight with 1,000 pounds of radial force
- Available with stem extension kits for insulated piping applications (accommodates up to 2" of insulation)
- Features blow-out proof stems
- 100% visual ProPEX connection cannot be dry-fit
- Available in 1/2", 3/4", 1", 1 1/4", 1 1/2" and 2" sizes

Product Offering

Part No.	Part Description	Pkg. Qty.
LFC4825050	ProPEX LF Brass Commercial Ball Valve, (full port), 1/2" PEX x 1/2" PEX	10
LFC4827575	ProPEX LF Brass Commercial Ball Valve, (full port), 3/4" PEX x 3/4" PEX	10
LFC4821010	ProPEX LF Brass Commercial Ball Valve, (full port), 1" PEX x 1" PEX	1
LFC4821313	ProPEX LF Brass Commercial Ball Valve, (full port), 1 1/4" PEX x 1 1/4" PEX	1
LFC4821515	ProPEX LF Brass Commercial Ball Valve, (full port), 1 1/2" PEX x 1 1/2" PEX	1
LFC4822020	ProPEX LF Brass Commercial Ball Valve, (full port), 2" PEX x 2" PEX	1
F5630001	Stem Extension Kit for 1/2" and 3/4" Valves	1
F5630002	Stem Extension Kit for 1" and 1 1/4" Valves	1
F5630003	Stem Extension Kit for 1 1/2" and 2" Valves	1

Frequently Asked Questions

Why is an NSF 14/61 listing important?

NSF/ANSI Standard 14, Plastics Piping System Components and Related Materials, and NSF/ANSI Standard 61, Drinking Water System Components — Health Effects, are very important standards in the plumbing industry. If you manufacture, sell or distribute water treatment or distribution products in North America, your products are required to comply with these standards by most governmental agencies that regulate drinking water supplies. The Uponor ProPEX LF Brass Commercial Ball Valves are the first commercial valves in the industry to be listed to these standards. The NSF 14/61 standards and cNSF-us-pw-G lead-free markings prove the valves will provide superior performance and meet all applicable codes and standards for your project.

Why is it valuable to have these commercial valves listed to ASTM F1960?

Being listed to ASTM F1960, Standard Specification for Cold Expansion Fittings with PEX Reinforcing Rings for Use with Cross-linked Polyethylene (PEX) Tubing, assures the product meets the stringent dimensional

and performance requirements per the standard. Currently, there are no other commercial-grade valves that are listed to this standard.



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Why are these commercial valves listed to the Uniform Plumbing Code (UPC)?

This listing assures the products meet the requirements of the UPC, a model code developed by the International Association of Plumbing and Mechanical Officials (IAPMO) to govern the installation and inspection of plumbing systems as a means of promoting the public's health, safety and welfare.

Why is it important that these commercial valves are listed to NSF 359?

NSF 359, Valves for Crosslinked Polyethylene (PEX) Water Distribution Tubing Systems, is now referenced and included into the 2015 versions of the International Plumbing Code (IPC) and the International Residential Code (IRC). Uponor's Commercial Ball Valves are the first and only F1960 commercial valves in the industry to be listed to this standard.

Are these commercial valves designed to meet Uponor's stringent quality and dimensional requirements?

Yes, these valves are designed and dimensioned to deliver all the benefits of the ProPEX connection professionals have come to rely upon in an Uponor PEX piping system. These are the only commercial-grade valves on the market that meet and exceed the requirements of the ASTM F1960 standard. This means the valves include a positive stop shoulder that ensures the PEX pipe and the ProPEX Ring are aligned correctly and provide a 100% visual connection. No other commercial valve on the market today can make that claim.

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What are the temperature and pressure ratings on these valves?

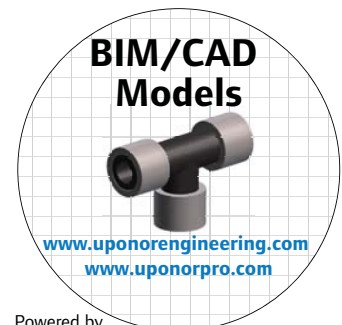
These valves are rated for 250psi CWP (cold working pressure) and also carry the same temperature and pressure ratings as Uponor AquaPEX® and Wirsbo hePEX™ pipes, so you can be assured of system integrity.

Are these valves compatible with systems containing glycol?

The valves are compatible in systems that contain a water/glycol mixture that contains no more than 50% propylene glycol.

How can I integrate these commercial valves into my design and estimating software?

Uponor provides high-quality product data packaged in a wide variety of CAD and BIM formats for quick and accurate system design. Look for the product data in the Uponor Online Catalog on www.uponorpro.com and www.uponorengineering.com.



What is the warranty on these valves?

The ProPEX LF Brass Commercial Ball Valves are covered by a 5-year warranty against defects in material and workmanship. For complete details, visit www.uponorpro.com/warranties.

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www.uponorpro.com