



ProPEX® Out-of-the-Wall Support System — The Logical Way to Exit the Wall with PEX

Uponor's new ProPEX® Out-of-the-Wall Support System makes exiting the wall easier than ever, providing a complete solution to the fixture.

The system consists of a Plastic Bend Support that snaps into a mating Wall Support Bracket, offering secure support for 1/2" Wirsbo AQUAPEX tubing from

any angle. For 3/4" Wirsbo AQUAPEX tubing, simply use the Wall Support Bracket for straight-through access.

To complete the system, a plastic Escutcheon (with coordinating mating sleeve) entirely conceals the ProPEX connection, offering a clean, finished look.

Features and Benefits

- Provides an efficient and secure transition from PEX to fixture
- Reduces installation time (compared with copper stub-outs)
- Offers easy mounting and rigid support in 16" stud spaces
- Wall Support Bracket features 2" on-center 1/2"- and 3/4"- built-ins to simplify valve location
- Bend Support provides rigid support of 1/2" PEX tubing from any angle
- Flared Escutcheon allows ProPEX expansions with the sleeve in place
- Eliminates the need for connections behind the wall
- Eliminates more metals from the system
- Provides a clean, finished look

ProPEX Out-of-the-Wall Support System Offerings

Part No.	Description
A	A5750500 ProPEX Wall Support Bracket, 1/2" and 3/4"
B	A5250500 1/2" Plastic Bend Support
C	F5650500 ProPEX Escutcheon for 1/2" PEX (1 1/8" O.D.), chrome-plated
D	F5670500 ProPEX Escutcheon for 1/2" PEX (1 1/8" O.D.), white

The ProPEX Out-of-the-Wall Support System provides a clean, efficient solution to the fixture.



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PLUMBING SYSTEMS

ProPEX® EP STOP AND
IN-LINE VALVES



Uponor's Engineered Plastic (EP) knowledge combined with the science of ceramic-disc technology. That's Uponor Logic at work.

Uponor's new ProPEX EP Stop and In-line Valves Feature Ceramic-disc Technology

Uponor's new, unique valve design features the proven performance of Uponor's engineered plastic (EP) combined with the durability and precision of ceramics. This exclusive ProPEX series of both In-line Valves for PEX-to-PEX applications and Stop Valves for point-of-use shut-offs at the fixture offer all the installation and performance advantages you've come to expect from Uponor products (patent-pending).

1. These new ProPEX valves greatly enhance gallons per minute (gpm) performance, as compared with standard compression stem and bonnet-stop valves.
2. Unaffected by aggressive water, they are designed to resist the chemical and mineral buildup that can restrict gpm, providing corrosion-free, non-pitting and non-scaling surfaces that result in long-term use that is not possible with brass.
3. In addition, these ProPEX valves address all ANSI/NSF and state lead-content initiatives.

Featuring all ProPEX connections, these valves offer one more great advantage to using Wirsbo AQUAPEX® tubing and its unique ProPEX fitting systems for all residential and commercial applications.

Additional Features and Benefits

- Plumbing design options for both residential and commercial applications when used with Uponor's Out of the Wall Support Systems by eliminating connections and copper stubs behind the wall
- Stable material costs compared with brass
- Enhanced gpm performance, i.e., increases gpm versus standard compression stem and bonnet-stop valves
- Resistant to chemical and mineral buildup that restricts gpm

Industry Standards, Listings and Codes Met by ProPEX EP Valves:

Hydrostatic Temperature and Pressure Ratings:

- 180°F/82.2°C at 100 psi

Applicable Codes:

- UPC
- IPC
- NSPC
- NPC of Canada

Manufacturing Standards:

- ASTM F1960
- CSA B-125.3
- ASME A112.18.1

Product Listings:

- ANSI/NSF 14 and 61
- IAPMO or UPC Code
- ICC ESR 1099



FAQs for ProPEX EP Stop and In-line Valves

Why are the new ProPEX EP valves better than standard ball valves?

The new EP valves feature the proven performance of engineered plastic and the durability and precision of ceramics. They resist chemical and mineral buildup, along with corrosion, pitting and scaling. Unaffected by aggressive water, the valves provide superior gpm performance and address all ANSI/NSF Standard 61 lead-content initiatives. (See **Figure 1.**)

What is the benefit of ceramics?

Ceramics are often referred to as having a "polished diamond-hard surface" that translates into smoother operation. Ceramics are also resistant to hard and aggressive water conditions that contain mineral deposits that can damage other material surfaces.

Ceramics are designed to operate efficiently without the use of washers that are found in other valves. In short, ceramics are a highly durable product that deliver consistent, long-lasting performance.

Where can ProPEX be used?

EP valves can be used for PEX-to-PEX and point-of-use shut-off at the fixture. The stop valves come in angle- and straight-stop configurations for ½" Wirsbo AQUAPEX tubing; the in-line valves are designed for ½" and ¾" Wirsbo AQUAPEX tubing.

Can these valves be used in any type of construction?

The quality, durability, design and testing results of these valves prove they can be used in any building type.

What can the installer save by using these new valves?

The new valves provide more stable material costs when compared to brass. Through better, longer and more reliable performance, they save money in the long run.

Why EP and not brass?

With more than one million Uponor EP fittings in service to date, EP is proving to be superior over brass and will not pit or corrode like brass can in harsh environments.

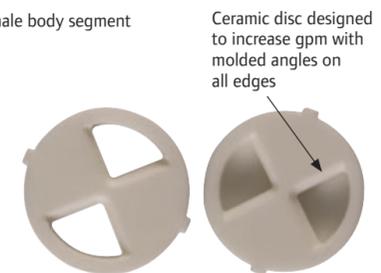
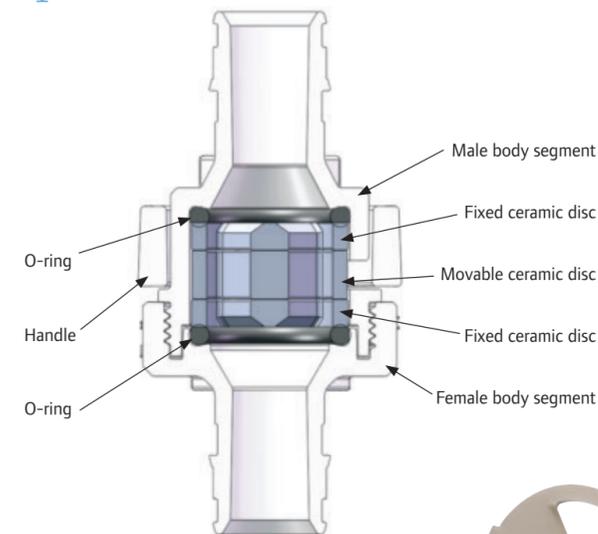
Can EP valves handle the same pressure as brass valves?

EP valves are put through the same rigorous testing as brass valves. Both are capable of handling burst pressures up to 500 psi.

Why are EP Valves biscuit in color?

This neutral biscuit color was chosen for its ability to optimize interior design choices.

Uponor Innovation



Ceramic disc designed to increase gpm with molded angles on all edges

EP Valve Product Family



Part No.	Description	Pkg. Qty.	Application
1 Q4837575	ProPEX EP In-line Valve, ¾" PEX x ¾" PEX	10	PEX-to-PEX connections
2 Q4905038	ProPEX EP Angle Stop Valve for ½" PEX	10	Point-of-use shut-off at fixture
3 Q4905050	ProPEX EP In-line Valve, ½" PEX x ½" PEX	10	PEX-to-PEX connections
4 Q4935038	ProPEX EP Straight Stop Valve for ½" PEX	10	Point-of-use shut-off at fixture

EP Valve Part Number	Measured GPM at Delta 20 psi	A112* & B125* Standard GPM Requirements	GPM Delta vs. Standard
Q4905038 (½" angle stop)	8.5	4.0	111%
Q4935038 (½" straight stop)	9.4	4.0	135%
Q4905050 (½" PEX)	24.6	9.5	159%
Q4837575 (¾" PEX)	30.4	18.0	69%

GPM Comparison of EP and Brass

EP F1960 (½" angle stop)	8.5
Brass F1807 (½" angle stop)	5.9
Difference	EP gpm is 43% greater than brass gpm.

* A112 = ASME A112.18.1

* B125 = CSA B125.3

Figure 1: Uponor EP Valve GPM Analysis Per Standard