

# Uponor

PRODUCT CATALOG

JUNE 2013



[www.uponorpro.com](http://www.uponorpro.com)

**PEX-a Plumbing**

**Fire Safety**

**Radiant Heating and Cooling**

**Pre-insulated Pipe**

Uponor

PRODUCT CATALOG JUNE 2013



# Uponor



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Partnering with Professionals to Create Better Human Environments

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# Connect with Uponor. Connect with confidence.

Since 1972, Uponor has been creating comfortable, energy-efficient environments with our plumbing and radiant heating and cooling systems.

- First and most installed PEX
- PEX-a: most flexible, kink repairable
- Fewer connections, faster installs
- ProPEX® expansion fittings: no torches, glues, faulty crimps or dry-fit concerns
- Full-service design and technical support
- More than 15 billion feet of tubing and 500 million fittings in service

In fact, the only connection tighter than our ProPEX fitting is the one between Uponor and our partners. Uponor provides the expertise, products and partnership to help you differentiate and build your business.



[Uponorpro.com/confidence2013](http://Uponorpro.com/confidence2013)  
See how you can save up to  
79% on install time.

**uponor**

PEX-a PLUMBING  
FIRE SAFETY SYSTEMS  
RADIANT  
HEATING & COOLING  
PRE-INSULATED PIPE



Connect with Uponor.

## Connect with a higher level of confidence.

The commercial plumbing industry is discovering what residential builders have relied upon since 1972 — Uponor quality PEX-a pipe and reliable ProPEX® expansion fittings. With more than 15 billion feet of pipe and over 500 million fittings in service, Uponor has more than proven its powerful properties.

### Uponor Advantages

- Most tested, trusted, listed and code-approved PEX-a for commercial
- Cost-effective solution providing faster installs and stable material costs
- Comprehensive offering of pipe, fittings and accessories
- Plenum rated, approved for fire-resistive construction
- Full-service design and technical support
- [Uponorengineering.com](http://Uponorengineering.com) — resource portal for CAD, Specs, Submittals, BIM, LEED®



In fact, the only connection tighter than our ProPEX fitting is the one between Uponor and our partners. Uponor provides the expertise, products and partnership to help you differentiate and build your business.



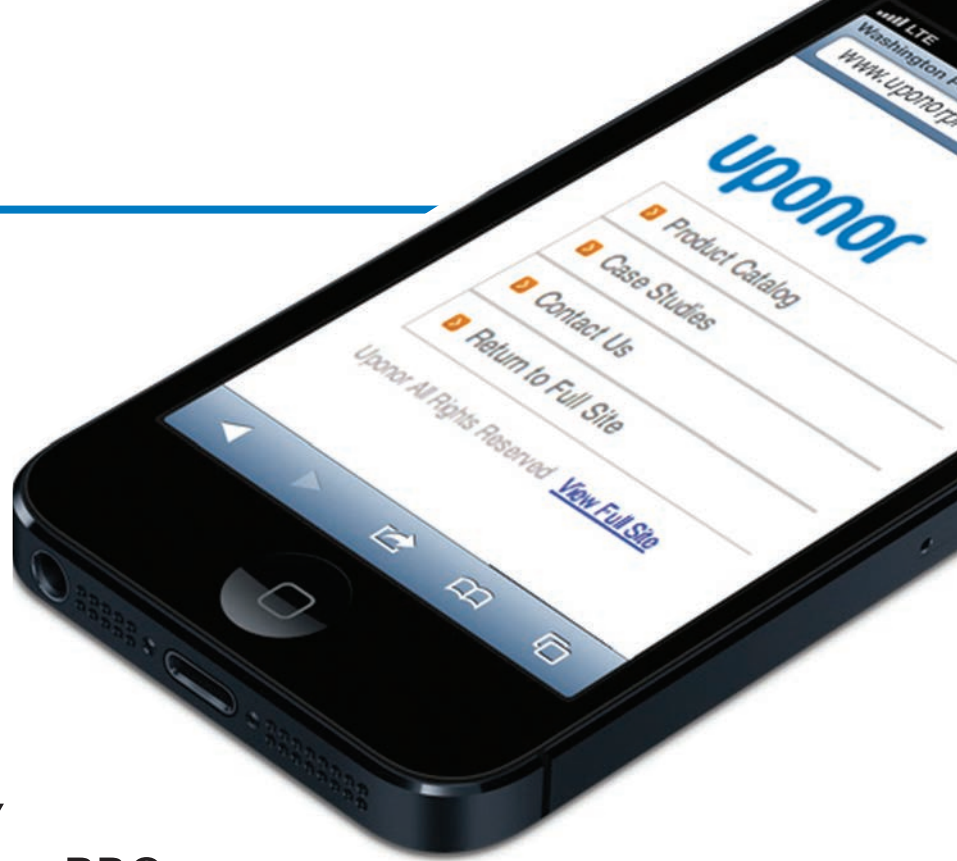
[Uponorpro.com/plumbing2013](http://Uponorpro.com/plumbing2013)  
Scan to see our featured commercial plumbing case studies and to request your free design assistance manual.

**uponor**

PEX-a PLUMBING  
FIRE SAFETY SYSTEMS  
RADIANT  
HEATING & COOLING  
PRE-INSULATED PIPE



# Optimized for Mobile



When you're on the go,  
you can still access PRO.

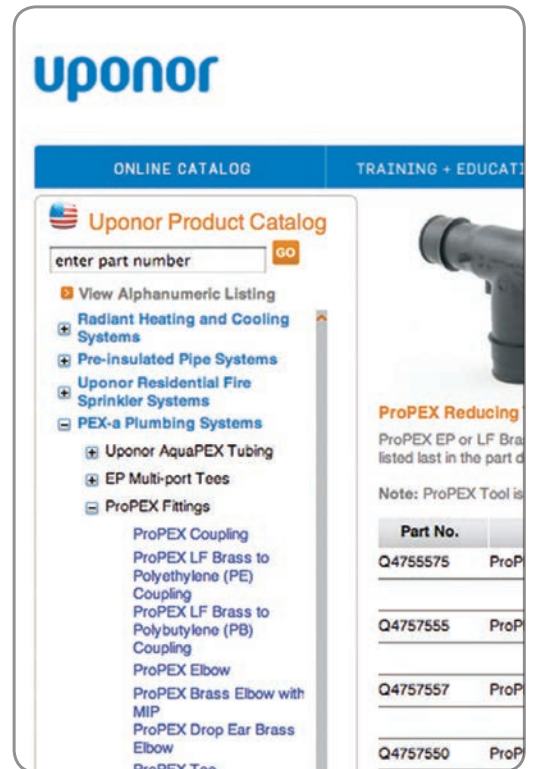
Uponor's website for professionals, [Uponorpro.com](http://Uponorpro.com), is now optimized for mobile so you can view our online catalog, case studies and contact information.

Speaking of our [Online Catalog](#), if you haven't accessed it yet, give it a try today. It's the fastest, easiest way to search Uponor products and supporting documentation.

Simply go to [Uponorpro.com](http://Uponorpro.com) and select "Online Catalog" in the blue bar at the top. Then, search directly by part number or use the Table of Contents navigation on the left of the screen. You can also use the Alphanumeric Listing to search by part description.



Scan to access online catalog.



# Uponor Design and Technical Support



[www.uponorpro.com](http://www.uponorpro.com)  
[design.services@uponor.com](mailto:design.services@uponor.com)  
888.594.7726

## When you are ready to start your project...

Uponor's dedicated team of professional designers, managers and technical support representatives are available to guide you every step of the way — from initial design to final installation. Whether it's plumbing, fire sprinklers or radiant heating and cooling, you can be sure your project will effectively meet, and exceed, all your expectations.



Scan to access an  
Uponor Design Request  
Form and get started on  
your project today.



Bring even greater installation efficiency to your next project.



### Milwaukee M12™ ProPEX® Expansion Tool

- Continuous expansions for maximum install speed
- Compact, right-angle design for use in tight spaces
- Auto-rotating head for convenient, single-handed operation
- Expands 3/8" to 1" tubing



### Milwaukee M18™ ProPEX® Expansion Tool

- Continuous expansions for maximum install speed
- Magnesium construction for jobsite durability
- Auto-rotating head for convenient, single-handed operation
- Expands 3/8" to 1 1/2" tubing



Purchase Milwaukee ProPEX Expansion Tools for use with Uponor systems by contacting Milwaukee at 800.729.3878 or visiting [www.milwaukeetool.com](http://www.milwaukeetool.com) and entering "ProPEX" in the search window.

## TAKE ADVANTAGE OF PROADVANTAGE



And get the rewards  
you deserve!

- PRO e-newsletter
- Quarterly promotions
- Factory and online training
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- Free tools and other merchandise
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Scan to register for free  
today and receive **5**  
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# Webinars and Factory Training

## Uponor Academy Factory Training

Looking for an in-depth, hands-on, classroom experience? Uponor offers factory training in an 11,000-square-foot, state-of-the-art learning center located in Apple Valley, Minn.

All classes are eligible for **CEUs** for continuing education.

- Radiant Hydronics and Design with Controls
- Advanced Radiant Hydronics with Advanced Design Suite™ (ADS)
- Geothermal Design and Application
- AquaSAFE™ Levels I and II



[Uponorpro.com/training](http://Uponorpro.com/training)  
To learn more and register



## Professional Webinar Series

Learn about the latest in radiant heating and cooling, plumbing and fire safety systems on your own time. And PROadvantage and PROadvantage Elite members who participate in a recorded webinar will receive 10 PROadvantage training credits.



[Uponorpro.com/webinars](http://Uponorpro.com/webinars)  
To learn more and register

- |  |   |
|--|---|
| <p><b>Jan. 23</b> Fire Resistive Construction Codes and Standards for Commercial PEX-a Plumbing Systems</p> <p><b>Feb. 20</b> Designing a Radiant Cooling System from Concept to Completion</p> <p><b>Mar. 20</b> Pipe Sizing PEX-a Plumbing Systems for Commercial Applications</p> <p><b>Apr. 17</b> Best Applications for Radiant Rollout™ Mats in Commercial Radiant Heating and Cooling Systems</p> <p><b>May 15</b> Ecoflex® Pre-insulated Pipe Systems for Remote Chiller/Boiler Plants to Point of Use</p> <p><b>June 19</b> Installation Methods for Commercial Radiant Heating and Cooling Systems</p> <p><b>July 17</b> Hydronic Distribution Piping with PEX-a</p> | <p><b>July 31</b> Pier 15 Exploratorium: Radiant Heating and Cooling in the Largest Net-zero Energy Museum in the U.S.</p> <p><b>Aug. 21</b> Installing PEX-a in Typical Commercial Plumbing Applications</p> <p><b>Sept. 18</b> Clemson University Case Study: Radiant Cooling in High-humidity Environments</p> <p><b>Oct. 23</b> Commercial PEX-a Plumbing for Multi-family and Hospitality Applications</p> <p><b>Nov. 13</b> Wolf Ridge Case Study: How Ecoflex Pre-insulated Pipe Systems Improved Heat Transfer Performance by 34%</p> <p><b>Dec. 11</b> Updates to AquaSAFE Residential Multipurpose Fire Sprinkler Systems</p> |
|--|---|

## Uponor Logic Plumbing Systems vs. Conventional Thinking

### FEATURES AND BENEFITS

- Efficient use of time and materials
- No glues, torches or gauges necessary
- Fewer connections, flexible for tight bend radius
- Able to install in rain and high humidity conditions
- Visual connection, no dry-fit concerns
- Fast hot-water delivery potential
- Complete lead-free offering
- Full line of Multi-port Tees for ultimate design flexibility

### FITTING AND TUBING USAGE COMPARISON

UPONOR LOGIC FITTINGS: 16



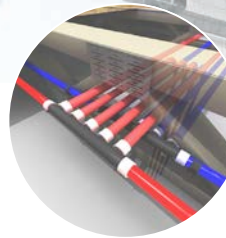
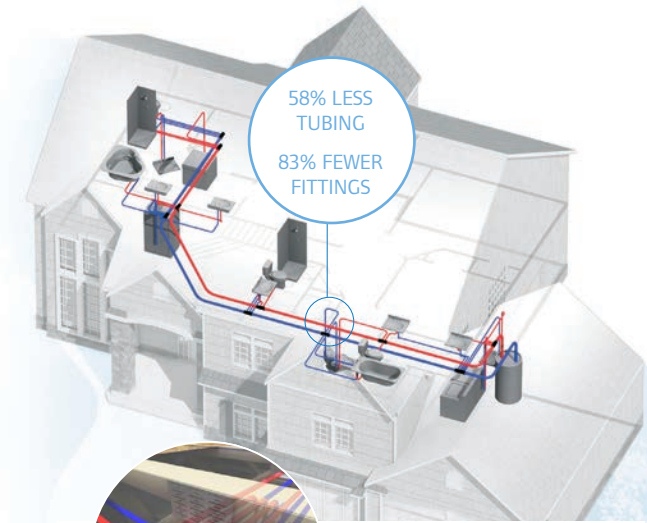
TRUNK-AND-BRANCH FITTINGS: 96



UPONOR LOGIC TUBING: 637'



HOMERUN TUBING: 1,515'

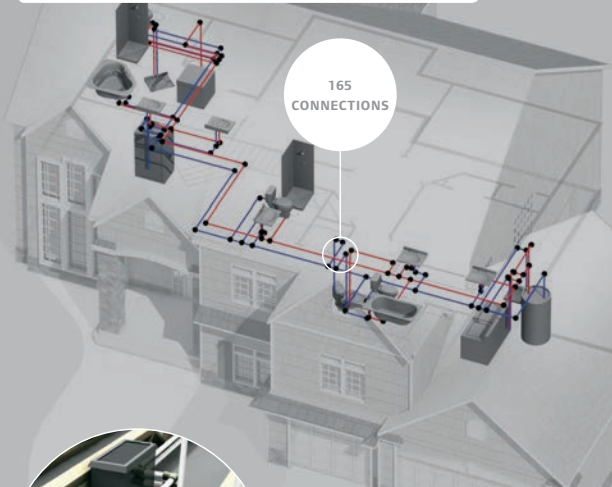


### THE OPTIMAL DESIGN APPROACH

Minimal connections  
Minimal use of tubing  
Quick delivery of hot water

637' Uponor AquaPEX tubing  
59 ProPEX connections  
16 fittings

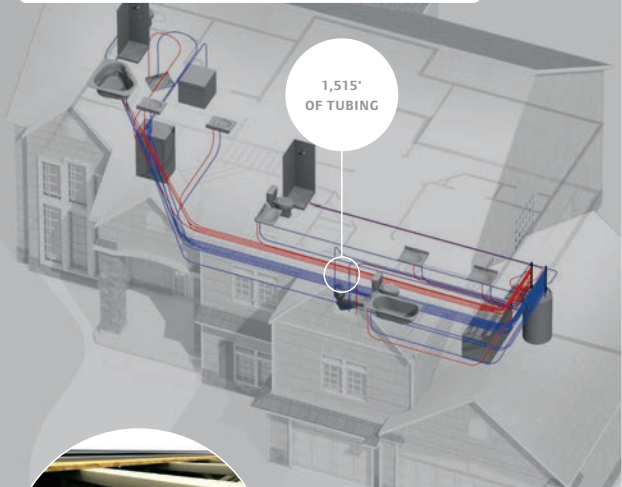
### Trunk-and-branch Plumbing



Many connections  
More time to install  
Higher potential for leakage  
Dry-fit concerns

540' Pipe (copper, CPVC, PEX)  
165 connections  
96 fittings

### Homerun Plumbing



Minimal connections  
Inefficient use of tubing  
No consecutive-use hot water delivery benefit

1,515' Pipe  
48 connections  
10 fittings







## PEX-a Plumbing Systems



# Uponor Commercial Plumbing Systems

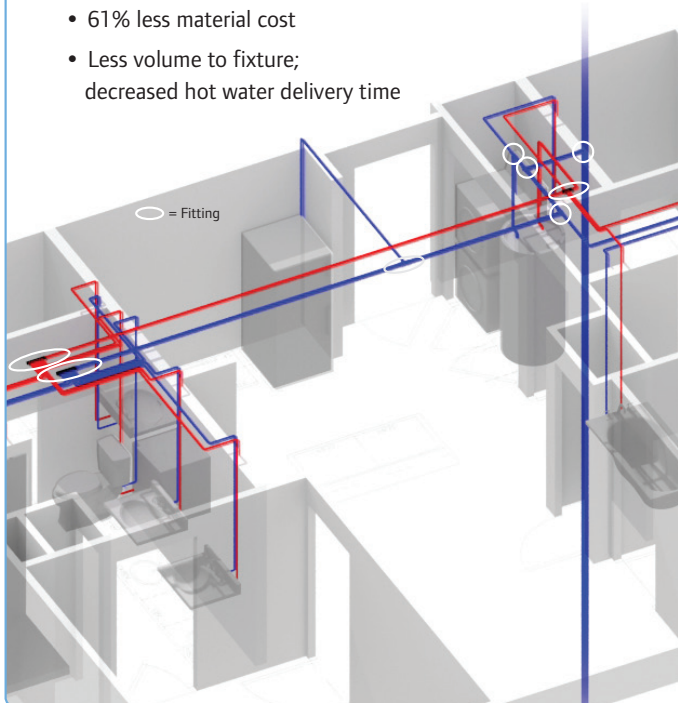
## Put Uponor PEX in Your Specs!



With over 40 years of proven performance and more than 15 billion feet of crosslinked polyethylene (PEX-a) pipe installed worldwide, Uponor is the specified choice for commercial domestic-water applications.

### Multi-family Unit Layout

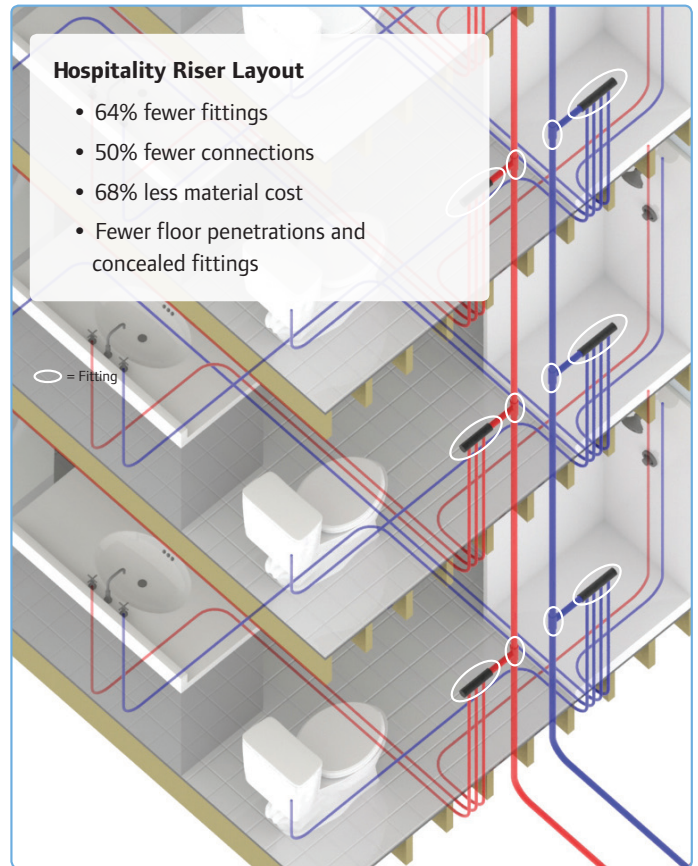
- 82% fewer fittings
- 76% fewer connections
- 61% less material cost
- Less volume to fixture; decreased hot water delivery time



Uponor Logic

### Hospitality Riser Layout

- 64% fewer fittings
- 50% fewer connections
- 68% less material cost
- Fewer floor penetrations and concealed fittings



Uponor Logic

### Uponor PEX-a Pipe Advantage

- Superior flexibility reduces number of fittings, connections
- Saves install time and labor costs
- Lower, more stable material costs
- Higher design velocities and reduced system volume — improving water conservation

### Uponor ProPEX Fittings Advantage

- Simple, fast, reliable visual connections
- Comprehensive offering of engineered polymer (EP) and lead-free brass
- EP multi-ports: fewer fittings and connections; saves time and costs, reduces potential leak points liability

### Uponor Commercial Plumbing Systems Advantage

- Excellent choice for both retrofit and new-construction applications
- Approved for fire-resistive construction
- 25-year system warranty
- Engineering support — BIM resources, construction details, submittals, specifications and training

# Uponor Commercial Plumbing Systems

## NEW Uponor PEX-a Pipe Support

### Suspended Piping Application

- Enables hanger spacing equal to that of copper
- Listed for bare-PEX plenum applications (ASTM E84)
- Easily insulate around both pipe and PEX-a support
- Available for ½" to 2" pipe sizes



For more information, visit [uponorengineering.com](http://uponorengineering.com)



# Uponor PEX-a Plumbing Systems

## Uponor AquaPEX Tubing

Uponor AquaPEX tubing is used in hot and cold water distribution systems and AquaSAFE™ Residential Fire Safety Systems. Uponor AquaPEX tubing is suitable for use in hydronic heating applications where the system contains no ferrous corrodible components or where any ferrous components are isolated from the tubing. Uponor AquaPEX tubing coils and straight lengths come in red, white and blue for potable-water applications, and purple for water-reclamation applications.

Uponor AquaPEX tubing is manufactured and listed to ASTM F876 and F877 and CSA B137.5, certified to NSF Standards 14 and 61 and listed by the Hydrostatic Stress Board of PPI at 200°F at 80psi, 180°F at 100psi and 73.4°F at 160psi. Uponor AquaPEX tubing (½" to 2") is also listed to UL 1821 and ULC/ORD C199P and carries an additional rating of 120°F at 130psi.

Uponor AquaPEX White tubing is marked with the PEX 5106 designation as required by the most recent edition of ASTM F876-10, indicating it exceeds ASTM F876 chlorine-resistance requirements for continuous-recirculation systems operating up to 140°F while also affording a 30-day UV-resistance level.

Uponor AquaPEX Red and Uponor AquaPEX Blue tubing is marked with the PEX 5206 designation as required by the most recent edition of ASTM F876-10, indicating it exceeds ASTM F876 chlorine-resistance requirements for continuous-recirculation systems operating up to 140°F while also affording a 90-day UV-resistance level.

### Uponor AquaPEX Tubing Coil — White



Part No.	Part Description	Coils/Pallet	List Price/Ea.
F1040250	¼" Uponor AquaPEX White, 100-ft. coil	50	\$59.30
F1090375	¾" Uponor AquaPEX White, 400-ft. coil	18	\$242.35
F1120375	¾" Uponor AquaPEX White, 1,000-ft. coil	12	\$605.85
F1040500	½" Uponor AquaPEX White, 100-ft. coil	22	\$69.25
F1060500	½" Uponor AquaPEX White, 300-ft. coil	18	\$207.70
F1100500	½" Uponor AquaPEX White, 500-ft. coil	12	\$346.25
F1120500	½" Uponor AquaPEX White, 1,000-ft. coil	8	\$692.40
F1040750	¾" Uponor AquaPEX White, 100-ft. coil	11	\$118.75
F1060750	¾" Uponor AquaPEX White, 300-ft. coil	12	\$356.10
F1100750	¾" Uponor AquaPEX White, 500-ft. coil	8	\$593.50
F1041000	1" Uponor AquaPEX White, 100-ft. coil	12	\$211.80
F1061000	1" Uponor AquaPEX White, 300-ft. coil	5	\$635.50
F1101000	1" Uponor AquaPEX White, 500-ft. coil	6	\$1,059.20
F1061250	1¼" Uponor AquaPEX White, 100-ft. coil	7	\$433.85
F1021250	1¼" Uponor AquaPEX White, 300-ft. coil	2	\$1,301.35
F1061500	1½" Uponor AquaPEX White, 100-ft. coil	7	\$510.85
F1021500	1½" Uponor AquaPEX White, 300-ft. coil	2	\$1,532.50
F1062000	2" Uponor AquaPEX White, 100-ft. coil	5	\$1,010.85
F1052000	2" Uponor AquaPEX White, 200-ft. coil	3	\$2,021.70
F1022000	2" Uponor AquaPEX White, 300-ft. coil	2	\$3,032.55
F1063000	3" Uponor AquaPEX White, 100-ft. coil	1	\$1,392.15
F1023000	3" Uponor AquaPEX White, 350-ft. coil	1	\$4,872.50

**Note:** 3" Uponor AquaPEX tubing uses WIPEX™ fittings (see page 112 for a listing of WIPEX fittings).



# Uponor PEX-a Plumbing Systems

**Note:** 3" Uponor AquaPEX tubing uses WIPEX fittings (see page 112 for a listing of WIPEX fittings).

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
F1930500	½" Uponor AquaPEX White, 20-ft. straight length, 500 ft. (25 per bundle)	1	\$346.20
F1930750	¾" Uponor AquaPEX White, 20-ft. straight length, 300 ft. (15 per bundle)	1	\$356.10
F1921000	1" Uponor AquaPEX White, 20-ft. straight length, 200 ft. (10 per bundle)	1	\$423.70
F1921250	1¼" Uponor AquaPEX White, 20-ft. straight length, 100 ft. (5 per bundle)	1	\$433.85
F1921500	1½" Uponor AquaPEX White, 20-ft. straight length, 100 ft. (5 per bundle)	1	\$510.85
F1922000	2" Uponor AquaPEX White, 20-ft. straight length, 100 ft. (5 per bundle)	1	\$1,010.85
F1923000	3" Uponor AquaPEX White, 20-ft. straight length, 60 ft. (3 per bundle)	1	\$808.35

## Uponor AquaPEX Tubing Straight Length — White



The Uponor AquaPEX Expansion Joint offers a complete labor and cost savings solution for potable plumbing systems requiring expansion joints to accommodate expansion and contraction in long tubing runs.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
F8152000	2" Uponor AquaPEX Expansion Joint	1	\$42.80

## 2" Uponor AquaPEX Expansion Joint — White



Part No.	Part Description	Coils/Pallet	List Price/Ea.
F2040500	½" Uponor AquaPEX Red, 100-ft. coil	22	\$69.25
F2060500	½" Uponor AquaPEX Red, 300-ft. coil	18	\$207.70
F2120500	½" Uponor AquaPEX Red, 1,000-ft. coil	8	\$692.40
F2040750	¾" Uponor AquaPEX Red, 100-ft. coil	11	\$118.75
F2060750	¾" Uponor AquaPEX Red, 300-ft. coil	12	\$356.10
F2100750	¾" Uponor AquaPEX Red, 500-ft. coil	8	\$593.50
F2041000	1" Uponor AquaPEX Red, 100-ft. coil	12	\$211.80
F2061000	1" Uponor AquaPEX Red, 300-ft. coil	5	\$635.50
F2101000	1" Uponor AquaPEX Red, 500-ft. coil	6	\$1,059.20

## Uponor AquaPEX Tubing Coil — Red



Part No.	Part Description	List Price/Ea.
F2930500	½" Uponor AquaPEX Red, 20-ft. straight length, 500 ft. (25 per bundle)	\$346.20
F2930750	¾" Uponor AquaPEX Red, 20-ft. straight length, 300 ft. (15 per bundle)	\$356.10
F2921000	1" Uponor AquaPEX Red, 20-ft. straight length, 200 ft. (10 per bundle)	\$423.70

## Uponor AquaPEX Tubing Straight Length — Red





# Uponor PEX-a Plumbing Systems

## Uponor AquaPEX Tubing Coil — Blue



Part No.	Part Description	Coils/Pallet	List Price/Ea.
F3040500	½" Uponor AquaPEX Blue, 100-ft. coil	22	\$69.25
F3060500	½" Uponor AquaPEX Blue, 300-ft. coil	18	\$207.70
F3120500	½" Uponor AquaPEX Blue, 1,000-ft. coil	8	\$692.40
F3040750	¾" Uponor AquaPEX Blue, 100-ft. coil	11	\$118.75
F3060750	¾" Uponor AquaPEX Blue, 300-ft. coil	12	\$356.10
F3100750	¾" Uponor AquaPEX Blue, 500-ft. coil	8	\$593.50
F3041000	1" Uponor AquaPEX Blue, 100-ft. coil	12	\$211.80
F3061000	1" Uponor AquaPEX Blue, 300-ft. coil	5	\$635.50
F3101000	1" Uponor AquaPEX Blue, 500-ft. coil	6	\$1,059.20

## Uponor AquaPEX Tubing Straight Length — Blue



Part No.	Part Description	List Price/Ea.
F3930500	½" Uponor AquaPEX Blue, 20-ft. straight length, 500 ft. (25 per bundle)	\$346.20
F3930750	¾" Uponor AquaPEX Blue, 20-ft. straight length, 300 ft. (15 per bundle)	\$356.10
F3921000	1" Uponor AquaPEX Blue, 20-ft. straight length, 200 ft. (10 per bundle)	\$423.70

## Uponor AquaPEX Reclaimed Water Tubing — Purple



Uponor AquaPEX Reclaimed Water tubing has an outer purple coating specifically designed for use in reclaimed or graywater distribution systems. Uponor AquaPEX Reclaimed Water tubing is available in coils, is manufactured and listed to ASTM F876, F877 and CSA B137.5, and is certified to NSF Standard 14 for non-potable water applications.

Part No.	Part Description	Coils/Pallet	List Price/Ea.
F1060502	½" Uponor AquaPEX Purple Reclaimed Water, 300-ft. coil	18	\$207.70
F1060752	¾" Uponor AquaPEX Purple Reclaimed Water, 300-ft. coil	12	\$356.10
F1061002	1" Uponor AquaPEX Purple Reclaimed Water, 300-ft. coil	5	\$635.50

## Pre-insulated Uponor AquaPEX Tubing Coil — White



Pre-insulated Uponor AquaPEX tubing features PEX-foam insulation to provide additional efficiency to hot and cold potable-water distribution systems. The tubing insulation can also help meet energy-code requirements. (Check with local authorities regarding energy-code requirements for specific applications.) Refer to the Uponor Pre-insulated AquaPEX Product Guide on [www.uponorpro.com/preinsulated](http://www.uponorpro.com/preinsulated) for R-value and heat-loss information.

Part No.	Part Description	Coils/Pallet	List Price/Ea.
F6040500	½" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	3	\$295.65
F6040750	¾" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	3	\$342.30
F6041000	1" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	5	\$436.85
F6041250	1¼" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	5	\$697.20
F6041500	1½" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	5	\$792.65
F6042000	2" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	5	\$1,352.85

# Uponor PEX-a Plumbing Systems

Part No.	Part Description	List Price/Ea.
F6921250	1 ¼" Pre-insulated Uponor AquaPEX with ½" insulation, 20-ft. straight length, 100 ft.	\$697.20
F6921500	1 ½" Pre-insulated Uponor AquaPEX with ½" insulation, 20-ft. straight length, 100 ft.	\$792.65
F6922000	2" Pre-insulated Uponor AquaPEX with ½" insulation, 20-ft. straight length, 100 ft.	\$1,352.85

## Pre-insulated Uponor AquaPEX Tubing Straight Length — White



Pre-sleeved Uponor AquaPEX tubing is used in hot and cold potable-water distribution systems. The high density polyethylene (HDPE) corrugated sleeve provides protection for installations in concrete slabs or soil, and allows for removal and replacement of the tubing if required.

Part No.	Part Description	Coils/Pallet	List Price/Ea.
F1092500	½" Pre-sleeved Uponor AquaPEX Red Sleeve, 400-ft. coil	4	\$466.30
F1091500	½" Pre-sleeved Uponor AquaPEX Blue Sleeve, 400-ft. coil	4	\$466.30
F1092750	¾" Pre-Sleeved Uponor AquaPEX Red Sleeve, 400-ft. coil	3	\$719.45
F1091750	¾" Pre-Sleeved Uponor AquaPEX Blue Sleeve, 400-ft. coil	3	\$719.45

## Pre-sleeved Uponor AquaPEX Tubing



High-density Polyethylene (HDPE) Corrugated Sleeve is used in hot and cold potable-water distribution systems, primarily in commercial applications where the potable tubing is installed in the slab. Designed for use with ½" Uponor AquaPEX tubing, the sleeve provides protection during installation and allows for removal and replacement of the tubing if required.

Part No.	Part Description	Coils/Pallet	List Price/Ea.
F1035400	½" HDPE Corrugated Sleeve, Red, 400-ft. coil	4	\$228.20
F1055400	½" HDPE Corrugated Sleeve, Blue, 400-ft. coil	4	\$228.20

## HDPE Corrugated Sleeve



A ProPEX Ring is required to make a ProPEX connection. The ½" through 2" rings include a leading-edge chamfer and integral stop edge to further simplify the use of ProPEX fittings.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4690302	ProPEX Ring, ⅜"	50	\$0.21
Q4690512	ProPEX Ring with Stop, ½"	50	\$0.21
Q4690756	ProPEX Ring with Stop, ¾"	50	\$0.42
Q4691000	ProPEX Ring with Stop, 1"	50	\$0.83
Q4691250	ProPEX Ring with Stop, 1 ¼"	10	\$1.21
Q4691500	ProPEX Ring with Stop, 1 ½"	5	\$1.60
Q4692000	ProPEX Ring with Stop, 2"	10	\$3.25

## ProPEX Rings



# Uponor PEX-a Plumbing Systems

## EP Multi-port Tees

### EP Branch Multi-port Tee

EP Branch Multi-port Tee features 3/4" or 1" ProPEX inlet with 1/2" ProPEX branch outlets. The Multi-port Tee is made of EP, which is proven in demanding hot-water applications.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q2237550	3/4" EP Branch Multi-port Tee, 3 outlets	10	\$10.00
Q2247550	3/4" EP Branch Multi-port Tee, 4 outlets	10	\$14.50
Q2267550	3/4" EP Branch Multi-port Tee, 6 outlets	10	\$17.50
Q2261050	1" EP Branch Multi-port Tee, 6 outlets	10	\$41.95

### EP Flow-through Multi-port Tee

EP Flow-through Multi-port Tee features 3/4" or 1" ProPEX inlets. All EP Flow-through Multi-ports have 1/2" ProPEX branch outlets. The tee is made of EP, which is proven in demanding hot-water applications.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q2227557	EP Flow-through Multi-port Tee, 2 outlets, 3/4" x 3/4" ProPEX	10	\$8.55
Q2237557	EP Flow-through Multi-port Tee, 3 outlets, 3/4" x 3/4" ProPEX	10	\$11.60
Q2247557	EP Flow-through Multi-port Tee, 4 outlets, 3/4" x 3/4" ProPEX	10	\$14.50
Q2241057	EP Flow-through Multi-port Tee, 4 outlets, 1" x 3/4" ProPEX	10	\$32.05
Q2267557	EP Flow-through Multi-port Tee, 6 outlets, 3/4" x 3/4" ProPEX	10	\$17.50
Q2261057	EP Flow-through Multi-port Tee, 6 outlets, 1" x 3/4" ProPEX	10	\$41.95
Q2261051	EP Flow-through Multi-port Tee, 6 outlets, 1" x 1" ProPEX	10	\$41.95

### EP Flow-through Opposing-port Multi-port Tee

EP Flow-through Opposing-port Multi-port Tee features 3/4" ProPEX inlets with opposing 1/2" ProPEX branch outlets. These are designed for a central location to facilitate piping in two directions. The tee is made of EP, which is proven in demanding hot-water applications.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q2337557	EP Flow-through Opposing-port Multi-port Tee, 3 outlets, 3/4" x 3/4" ProPEX	10	\$18.60
Q2347557	EP Flow-through Opposing-port Multi-port Tee, 4 outlets, 3/4" x 3/4" ProPEX	10	\$25.25
Q2367557	EP Flow-through Opposing-port Multi-port Tee, 6 outlets, 3/4" x 3/4" ProPEX	10	\$38.65

# Uponor PEX-a Plumbing Systems

EP Branch Opposing-port Multi-port Tee features a 3/4" ProPEX inlet with opposing 1/2" ProPEX branch outlets. These are designed for a central location to facilitate piping in two directions. The tee is made of EP, which is proven in demanding hot-water applications.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q2337550	3/4" EP Branch Opposing-port Multi-port Tee, 3 outlets	10	\$18.65
Q2347550	3/4" EP Branch Opposing-port Multi-port Tee, 4 outlets	10	\$25.10
Q2387550	3/4" EP Branch Opposing-port Multi-port Tee, 8 outlets	10	\$42.45

## EP Branch Opposing-port Multi-port Tee



EP Flow-through Multi-port Vertical Tee features an integrated vertical 3/4" ProPEX tee with 1/2" ProPEX branch outlets. The Multi-port Tee is designed for demanding slab-on-grade plumbing applications, and eliminates the need for multiple connections. The tee is made of EP, which is proven in demanding hot-water applications.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q2237757	EP Flow-through Multi-port Vertical Tee, 3 outlets, 3/4" x 3/4" x 3/4" ProPEX	10	\$36.50
Q2247757	EP Flow-through Multi-port Vertical Tee, 4 outlets, 3/4" x 3/4" x 3/4" ProPEX	10	\$40.80

## EP Flow-through Multi-port Vertical Tee



EP Flow-through Multi-port Horizontal Tee features an integrated horizontal 3/4" ProPEX tee with 1/2" ProPEX branch outlets. The Multi-port Tee is designed for demanding slab-on-grade plumbing applications, and eliminates the need for multiple connections. The tee is made of EP, which is proven in demanding hot-water applications.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q2247577	EP Flow-through Multi-port Horizontal Tee, 4 outlets, 3/4" x 3/4" x 3/4" ProPEX	10	\$40.80

## EP Flow-through Multi-port Horizontal Tee



EP Flow-through Multi-port Elbow features an integrated 3/4" ProPEX elbow with 1/2" ProPEX branch outlets. The elbow is designed for demanding slab-on-grade plumbing applications, and eliminates the need for multiple connections. The elbow is made of EP, which is proven in demanding hot-water applications.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q2235577	EP Flow-through Multi-port Elbow, 3 outlets, 3/4" x 3/4" ProPEX	10	\$31.15
Q2245577	EP Flow-through Multi-port Elbow, 4 outlets, 3/4" x 3/4" ProPEX	10	\$31.15

## EP Flow-through Roll-out Multi-port Elbow





# Uponor PEX-a Plumbing Systems

## EP Branch Multi-port Elbow



EP Branch Multi-port Elbow features an integrated 3/4" or 1" ProPEX elbow inlet with 1/2" ProPEX branch outlets and mounting clips. The elbow is designed for commercial plumbing applications, and eliminates the need for multiple connections. The elbow is made of EP, which is proven in demanding hot-water applications.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q2077550	3/4" EP Branch Multi-port Elbow, 7 outlets with mounting clips	1	\$54.50
Q2087550	3/4" EP Branch Multi-port Elbow, 8 outlets with mounting clips	1	\$59.10
Q2101000	1" EP Branch Multi-port Elbow, 10 outlets with mounting clips	1	\$62.75

## Commercial EP Branch Multi-port Tee



Commercial EP Branch Multi-port Tee features an integrated 3/4" or 1" ProPEX inlet with 1/2" ProPEX branch outlets and mounting clips. The tee is designed for commercial plumbing applications, and eliminates the need for multiple connections. The tee is made of EP, which is proven in demanding hot-water applications.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q2277550	3/4" EP Branch Multi-port Tee, 7 outlets with mounting clips	1	\$54.45
Q2287550	3/4" EP Branch Multi-port Tee, 8 outlets with mounting clips	1	\$59.35
Q2271051	1" EP Branch Multi-port Tee, 7 outlets with mounting clips	1	\$52.85
Q2281051	1" EP Branch Multi-port Tee, 8 outlets with mounting clips	1	\$57.50
Q2101051	1" EP Branch Multi-port Tee, 10 outlets with mounting clips	1	\$62.60
Q2121051	1" EP Branch Multi-port Tee, 12 outlets with mounting clips	1	\$66.95

# Uponor PEX-a Plumbing Systems

## ProPEX Fittings

ProPEX EP, Lead-free\* (LF) Brass, Red Brass and Brass Couplings make PEX-to-PEX connections.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4773838	ProPEX EP Coupling, 3/8" PEX x 3/8" PEX	25	\$1.45
LF4543850	ProPEX LF Brass Coupling, 3/8" PEX x 1/2" PEX	25	\$10.25
V4543850	ProPEX Red Brass Coupling, 3/8" PEX x 1/2" PEX	25	\$5.20
Q4775050	ProPEX EP Coupling, 1/2" PEX x 1/2" PEX	25	\$1.50
LF4545050	ProPEX LF Brass Coupling, 1/2" PEX x 1/2" PEX	25	\$5.95
Q4775075	ProPEX EP Coupling, 1/2" PEX x 3/4" PEX	25	\$3.20
Q4777575	ProPEX EP Coupling, 3/4" PEX x 3/4" PEX	25	\$1.90
LF4547575	ProPEX LF Brass Coupling, 3/4" PEX x 3/4" PEX	25	\$9.10
Q4777510	ProPEX EP Coupling, 3/4" PEX x 1" PEX	25	\$4.55
LF4547510	ProPEX LF Brass Coupling, 3/4" PEX x 1" PEX	10	\$14.05
Q4771010	ProPEX EP Coupling, 1" PEX x 1" PEX	10	\$3.00
LF4541010	ProPEX LF Brass Coupling, 1" PEX x 1" PEX	10	\$16.55
Q4541010	ProPEX Brass Coupling, 1" PEX x 1" PEX	10	\$2.40
Q4771307	ProPEX EP Coupling, 1 1/4" PEX x 3/4" PEX	1	\$6.65
Q4771310	ProPEX EP Coupling, 1 1/4" PEX x 1" PEX	1	\$6.90
Q4771313	ProPEX EP Coupling, 1 1/4" PEX x 1 1/4" PEX	1	\$7.85
Q4771507	ProPEX EP Coupling, 1 1/2" PEX x 3/4" PEX	1	\$7.95
Q4771510	ProPEX EP Coupling, 1 1/2" PEX x 1" PEX	1	\$8.15
Q4771513	ProPEX EP Coupling, 1 1/2" PEX x 1 1/4" PEX	1	\$8.25
Q4771515	ProPEX EP Coupling, 1 1/2" PEX x 1 1/2" PEX	1	\$8.40
Q4772015	ProPEX EP Coupling, 2" PEX x 1 1/2" PEX	1	\$44.75
Q4542015	ProPEX Brass Coupling, 2" PEX x 1 1/2" PEX	5	\$45.00
Q4772020	ProPEX EP Coupling, 2" PEX x 2" PEX	1	\$57.35

### ProPEX Coupling



Engineered Polymer (EP)



Lead-free (LF) Brass

\*Per NSF Annex G, lead-free products contain no more than 0.25% weighted average lead content on wetted surfaces.

Price reduced

Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final. See the alphanumeric on pages 131-154 for a listing of alternative part numbers.

# Uponor PEX-a Plumbing Systems

## ProPEX LF Brass to Polyethylene (PE) Coupling

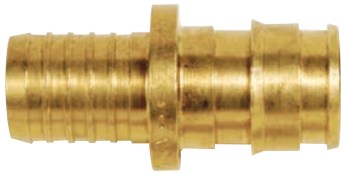


ProPEX LF Brass to Polyethylene (PE) Coupling transitions black PE tubing to Uponor AquaPEX tubing. Product does not include hose clamps for the PE side of the coupling.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4591010	ProPEX LF Brass to PE Coupling, 1" PEX x 1" PE	10	\$28.20

## ProPEX LF Brass to Polybutylene (PB) Coupling



ProPEX LF Brass to Polybutylene (PB) Coupling transitions PB tubing to Uponor AquaPEX tubing. Product does not include the crimp ring for the PB side of the coupling.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4585050	ProPEX LF Brass to PB Coupling, 1/2" PEX x 1/2" PB	25	\$10.80
LF4587575	ProPEX LF Brass to PB Coupling, 3/4" PEX x 3/4" PB	25	\$17.95

## ProPEX Elbow



ProPEX EP and LF Brass Elbows make tight, 90-degree connections for Uponor AquaPEX tubing in supply and return mains.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4760500	ProPEX EP Elbow, 1/2" PEX x 1/2" PEX	25	\$1.85
Q4760750	ProPEX EP Elbow, 3/4" PEX x 3/4" PEX	25	\$2.35
LF4710750	ProPEX LF Brass Elbow, 3/4" PEX x 3/4" PEX	25	\$11.65
Q4761000	ProPEX EP Elbow, 1" PEX x 1" PEX	10	\$4.80
LF4711000	ProPEX LF Brass Elbow, 1" PEX x 1" PEX	10	\$18.75
Q4761250	ProPEX EP Elbow, 1 1/4" PEX x 1 1/4" PEX	1	\$11.90
Q4761500	ProPEX EP Elbow, 1 1/2" PEX x 1 1/2" PEX	1	\$15.15
Q4762000	ProPEX EP Elbow, 2" PEX x 2" PEX	1	\$80.80

## ProPEX Brass Elbow with MIP



ProPEX LF Brass or Brass Elbow with MIP makes 90-degree connections for 1/2" Uponor AquaPEX tubing to 1/2" or 3/8" male NPT thread.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4125050	ProPEX LF Brass Elbow, 1/2" PEX x 1/2" MIP	25	\$12.50
Q4743850	ProPEX Brass Elbow, 1/2" PEX x 3/8" MIP	25	\$12.45

Price reduced

# Uponor PEX-a Plumbing Systems

ProPEX Drop Ear LF Brass and Brass Elbows provide rigid, 90-degree connections and the ability to secure Uponor AquaPEX tubing.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4235038	ProPEX Drop Ear LF Brass Elbow, 1/2" PEX x 3/8" FIP	25	\$18.25
LF4235050	ProPEX Drop Ear LF Brass Elbow, 1/2" PEX x 1/2" FIP	25	\$14.85
Q4235050	ProPEX Drop Ear Brass Elbow, 1/2" PEX x 1/2" FIP	25	\$7.50
LF4237575	ProPEX Drop Ear LF Brass Elbow, 3/4" PEX x 3/4" FIP	4	\$31.60
LF4231010	ProPEX Drop Ear LF Brass Elbow, 1" PEX x 1" FIP	4	\$47.60

## ProPEX Drop Ear Brass Elbow



ProPEX EP and LF Brass Tees make diverting connections for Uponor PEX tubing in supply and return mains. Branch size is listed last in the part description.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4755050	ProPEX EP Tee, 1/2" PEX x 1/2" PEX x 1/2" PEX	25	\$1.85
LF4705050	ProPEX LF Brass Tee, 1/2" PEX x 1/2" PEX x 1/2" PEX	25	\$10.05
Q4757575	ProPEX EP Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX	25	\$3.00
LF4707575	ProPEX LF Brass Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX	25	\$16.35
Q4751010	ProPEX EP Tee, 1" PEX x 1" PEX x 1" PEX	10	\$5.45
LF4701010	ProPEX LF Brass Tee, 1" PEX x 1" PEX x 1" PEX	10	\$30.20
Q4751313	ProPEX EP Tee, 1 1/4" PEX x 1 1/4" PEX x 1 1/4" PEX	1	\$13.55
Q4751515	ProPEX EP Tee, 1 1/2" PEX x 1 1/2" PEX x 1 1/2" PEX	1	\$18.10
Q4752000	ProPEX EP Tee, 2" PEX x 2" PEX x 2" PEX	1	\$99.55

## ProPEX Tee



Ⓢ Price reduced

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final. See the alphanumeric on pages 131-154 for a listing of alternative part numbers.



# Uponor PEX-a Plumbing Systems

## ProPEX Reducing Tee



ProPEX EP or LF Brass Reducing Tees make diverting connections for Uponor PEX tubing in supply and return mains. Branch size is listed last in the part description.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4755575	ProPEX EP Reducing Tee, 1/2" PEX x 1/2" PEX x 3/4" PEX	25	\$7.25
Q4757555	ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 1/2" PEX	25	\$2.90
Q4757557	ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 3/4" PEX	25	\$2.90
Q4757550	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX	25	\$2.45
LF4707550	ProPEX LF Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX	25	\$16.35
Q4757710	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	10	\$10.75
LF4707710	ProPEX LF Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	10	\$26.35
Q4751775	ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	10	\$4.75
LF4701775	ProPEX LF Brass Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	10	\$30.20
Q4751751	ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	10	\$5.70
LF4701751	ProPEX LF Brass Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	10	\$30.20
Q4751150	ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	10	\$5.00
LF4701150	ProPEX LF Brass Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	10	\$30.20
Q4751175	ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	10	\$5.50
LF4701175	ProPEX LF Brass Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	10	\$30.20
Q4751317	ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 3/4" PEX	1	\$10.70
Q4751311	ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 1" PEX	1	\$12.50
Q4751337	ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 3/4" PEX	1	\$12.55
Q4751331	ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 1" PEX	1	\$12.95

# Uponor PEX-a Plumbing Systems

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4751517	ProPEX EP Reducing Tee, 1½" PEX x 1" PEX x ¾" PEX	1	\$15.05
Q4751511	ProPEX EP Reducing Tee, 1½" PEX x 1" PEX x 1" PEX	1	\$15.05
Q4751537	ProPEX EP Reducing Tee, 1½" PEX x 1¼" PEX x ¾" PEX	1	\$17.15
Q4751531	ProPEX EP Reducing Tee, 1½" PEX x 1¼" PEX x 1" PEX	1	\$17.75
Q4751533	ProPEX EP Reducing Tee, 1½" PEX x 1¼" PEX x 1¼" PEX	1	\$18.85
Q4751557	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x ¾" PEX	1	\$16.10
Q4751551	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x 1" PEX	1	\$16.60
Q4751553	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x 1¼" PEX	1	\$17.05
Q4752575	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x ¾" PEX	1	\$87.90
Q4752051	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 1" PEX	1	\$76.45
Q4752053	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 1¼" PEX	1	\$87.90
Q4752055	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 1½" PEX	1	\$95.45
Q4752275	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x ¾" PEX	1	\$83.65
Q4752210	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1" PEX	1	\$82.05
Q4752213	ProPEX EP Reducing Tee, 2" x 2" x 1¼"	1	\$86.20
Q4752215	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1½" PEX	1	\$96.55

## ProPEX Reducing Tee



# Uponor PEX-a Plumbing Systems

## ProPEX EP Plug



ProPEX EP Plugs permanently or temporarily terminate the end of Uponor PEX tubing.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4350500	ProPEX EP Plug for 1/2" PEX	25	\$1.15
Q4350750	ProPEX EP Plug for 3/4" PEX	25	\$1.80
Q4351000	ProPEX EP Plug for 1" PEX	10	\$2.45
Q4351250	ProPEX EP Plug for 1 1/4" PEX	1	\$13.40
Q4351500	ProPEX EP Plug for 1 1/2" PEX	1	\$20.65
Q4352000	ProPEX EP Plug for 2" PEX	1	\$31.30



## ProPEX Adapters

### ProPEX EP Swivel Closet Adapter



ProPEX EP Swivel Closet Adapter (with plastic nut) connects 1/2" Uponor AquaPEX tubing to water closet.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4340500	ProPEX EP Swivel Closet Adapter, 1/2" PEX x 7/8" Ballcock	25	\$3.85

 Price reduced

# Uponor PEX-a Plumbing Systems

ProPEX EP or LF Brass Swivel Faucet Adapters connect 1/2" Uponor AquaPEX tubing to male NPSM faucet connections.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4360500	ProPEX EP Swivel Faucet Adapter, 1/2" PEX x 1/2" NPSM	25	\$3.20
LF4655050	ProPEX LF Brass Swivel Faucet Adapter, 1/2" PEX x 1/2" NPSM	25	\$13.80

## ProPEX Swivel Faucet Adapter

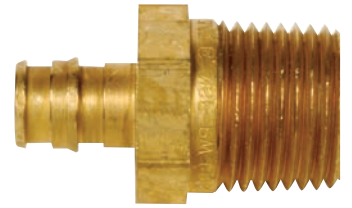


ProPEX LF Brass and Red Brass Male Threaded Adapters connect Uponor AquaPEX tubing to male NPT threads and are intended as transition fittings from metal to PEX.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4523850	ProPEX LF Brass Male Threaded Adapter, 3/8" PEX x 1/2" NPT	25	\$11.55
LF4525050	ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 1/2" NPT	25	\$5.55
◀ V4525050	ProPEX Red Brass Male Threaded Adapter, 1/2" PEX x 1/2" NPT	25	\$9.50
LF4525075	ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 3/4" NPT	25	\$14.05
LF4527575	ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$10.05
◀ V4527575	ProPEX Red Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$29.30
LF4527510	ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 1" NPT	10	\$21.15
LF4521075	ProPEX LF Brass Male Threaded Adapter, 1" PEX x 3/4" NPT	10	\$21.15
LF4521010	ProPEX LF Brass Male Threaded Adapter, 1" PEX x 1" NPT	10	\$20.75
LF4521313	ProPEX LF Brass Male Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	1	\$46.85
LF4521515	ProPEX LF Brass Male Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	1	\$62.65
LF4522020	ProPEX LF Brass Male Threaded Adapter, 2" PEX x 2" NPT	1	\$192.15

## ProPEX Brass Male Threaded Adapter



◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final. See the alphanumeric on pages 131-154 for a listing of alternative part numbers.



# Uponor PEX-a Plumbing Systems

## ProPEX Stainless Steel Male Threaded Adapter



ProPEX Stainless Steel Male Threaded Adapters transition Uponor AquaPEX tubing to reverse-osmosis units. Due to the aggressive nature of conditioned water produced by reverse osmosis, de-ionization and distillation, ProPEX Stainless Steel Fittings are manufactured from 316 stainless steel, and fully comply with CSA B137.5.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q8525050	ProPEX Stainless Steel Male Threaded Adapter, 1/2" PEX x 1/2" NPT	25	\$27.10
Q8527575	ProPEX Stainless Steel Male Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$40.75
Q8521010	ProPEX Stainless Steel Male Threaded Adapter, 1" PEX x 1" NPT	10	\$61.05

## ProPEX Brass Female Threaded Adapters



ProPEX LF Brass and Brass Female Threaded Adapters connect Uponor PEX tubing to female NPT threads and are intended as transition fittings from metal to PEX.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4575050	ProPEX LF Brass Female Threaded Adapter, 1/2" PEX x 1/2" NPT	25	\$11.10
LF4575075	ProPEX LF Brass Female Threaded Adapter, 1/2" PEX x 3/4" NPT	25	\$17.95
LF4577575	ProPEX LF Brass Female Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$12.40
LF4577510	ProPEX LF Brass Female Threaded Adapter, 3/4" PEX x 1" NPT	10	\$38.45
LF4571010	ProPEX LF Brass Female Threaded Adapter, 1" PEX x 1" NPT	10	\$26.20
LF4571313	ProPEX LF Brass Female Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	1	\$48.05
◀ Q4571313	ProPEX Brass Female Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	10	\$35.95
LF4571515	ProPEX LF Brass Female Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	1	\$102.50
LF4572020	ProPEX LF Brass Female Threaded Adapter, 2" PEX x 2" NPT	1	\$237.00

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final. See the alphanumeric on pages 131-154 for a listing of alternative part numbers.

# Uponor PEX-a Plumbing Systems

ProPEX LF Brass, Red Brass and Brass Sweat Adapters transition Uponor AquaPEX tubing to copper pipe.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

## ProPEX Brass Sweat Adapters



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4513850	ProPEX LF Brass Sweat Adapter, 3/8" PEX x 1/2" Copper	25	\$9.00
LF4515050	ProPEX LF Brass Sweat Adapter, 1/2" PEX x 1/2" Copper	25	\$3.85
◀ V4515050	ProPEX Red Brass Sweat Adapter, 1/2" PEX x 1/2" Copper	25	\$9.50
LF4515075	ProPEX LF Brass Fitting Adapter, 1/2" PEX x 3/4" Copper	25	\$7.60
LF4517550	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 1/2" Copper	25	\$14.05
LF4517575	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 3/4" Copper	25	\$8.85
◀ V4517575	ProPEX Red Brass Sweat Adapter, 3/4" PEX x 3/4" Copper	25	\$19.60
LF4517510	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 1" Copper	10	\$17.25
LF4511010	ProPEX LF Brass Sweat Adapter, 1" PEX x 1" Copper	10	\$14.75
◀ V4511010	ProPEX Red Brass Sweat Adapter, 1" PEX x 1" Copper	10	\$26.80
LF4511313	ProPEX LF Brass Sweat Adapter, 1 1/4" PEX x 1 1/4" Copper	1	\$39.15
◀ V4511313	ProPEX Red Brass Sweat Adapter, 1 1/4" PEX x 1 1/4" Copper	10	\$54.85
◀ Q4511313	ProPEX Brass Sweat Adapter, 1 1/4" PEX x 1 1/4" Copper	10	\$21.55
LF4511515	ProPEX LF Brass Sweat Adapter, 1 1/2" PEX x 1 1/2" Copper	1	\$59.90
◀ V4511515	ProPEX Red Brass Sweat Adapter, 1 1/2" PEX x 1 1/2" Copper	10	\$60.35
LF4512020	ProPEX LF Brass Sweat Adapter, 2" PEX x 2" Copper	1	\$172.95

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final. See the alphanumeric on pages 131-154 for a listing of alternative part numbers.

# Uponor PEX-a Plumbing Systems

## ProPEX Brass Fitting Adapters



ProPEX LF Brass and Red Brass Fitting Adapters transition Uponor PEX tubing to copper fittings.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4505050	ProPEX LF Brass Fitting Adapter, 1/2" PEX x 1/2" Copper	25	\$3.80
V4505050	ProPEX Red Brass Fitting Adapter, 1/2" PEX x 1/2" Copper	25	\$8.95
LF4505075	ProPEX LF Brass Fitting Adapter, 1/2" PEX x 3/4" Copper	25	\$7.50
LF4507550	ProPEX LF Brass Fitting Adapter, 3/4" PEX x 1/2" Copper	25	\$15.40
LF4507575	ProPEX LF Brass Fitting Adapter, 3/4" PEX x 3/4" Copper	25	\$8.40
V4507575	ProPEX Red Brass Fitting Adapter, 3/4" PEX x 3/4" Copper	25	\$17.70
LF4507510	ProPEX LF Brass Fitting Adapter, 3/4" PEX x 1" Copper	10	\$16.65
LF4501010	ProPEX LF Brass Fitting Adapter, 1" PEX x 1" Copper	10	\$15.60
LF4501313	ProPEX LF Brass Fitting Adapter, 1 1/4" PEX x 1 1/4" Copper	1	\$34.55
LF4501515	ProPEX LF Brass Fitting Adapter, 1 1/2" PEX x 1 1/2" Copper	1	\$57.00
LF4502020	ProPEX LF Brass Fitting Adapter, 2" PEX x 2" Copper	1	\$172.95

## ProPEX LF Water Heater Adapter

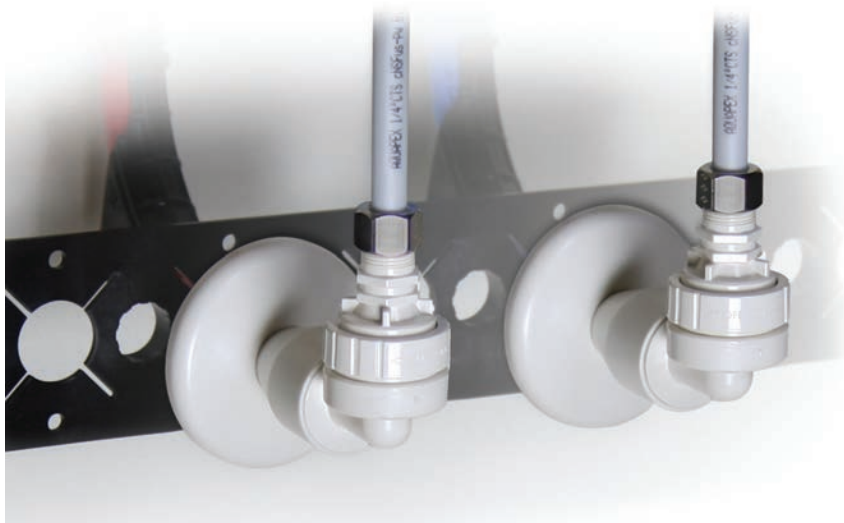


Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF2957575	ProPEX LF Water Heater Adapter, 3/4" PEX LF Brass x 3/4" FIP x 18"	20	\$52.40

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final. See the alphanumeric on pages 131-154 for a listing of alternative part numbers.

# Uponor PEX-a Plumbing Systems

## Valves and Accessories



ProPEX EP valves feature the proven performance of Engineered Polymer and the durability and precision of ceramics. They resist chemical and mineral buildup, along with corrosion, pitting and scaling. They are used for point-of-use shutoff at the fixture. Both styles connect 1/2" Uponor AquaPEX tubing to 3/8" O.D. risers.

Uponor also offers ProPEX LF brass full-port, quarter-turn stop valves. They are chrome plated and available in angle or straight configurations. Stop valves are used for point-of-use shutoff at the fixture. Both styles connect 1/2" Uponor AquaPEX tubing to 3/8" O.D. risers.

Angle Stop Valve is used for point-of-use shutoff at the fixture.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4905038	ProPEX EP Angle Stop Valve for 1/2" PEX	10	\$9.70
LF4855038	ProPEX LF Brass Angle Stop Valve (full port), 1/2" PEX	10	\$18.75

### ProPEX Angle Stop Valve



Straight Stop Valve is used for point-of-use shutoff at the fixture.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4935038	ProPEX EP Straight Stop Valve for 1/2" PEX	10	\$9.25
LF4865038	ProPEX LF Brass Straight Stop Valve (full port), 1/2" PEX	10	\$19.05

### ProPEX Straight Stop Valve





# Uponor PEX-a Plumbing Systems

## ProPEX In-line Valves



ProPEX EP In-line Valve is configured for 1/2" and 3/4" Uponor AquaPEX tubing. ProPEX to ProPEX quarter-turn valves are intended as an in-line shutoff valve for 1/2" and 3/4" Uponor AquaPEX.

ProPEX LF Brass Ball Valve is intended as an in-line shutoff valve for 1/2" and 3/4" PEX. These valves are not compatible with applications using glycol.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4905050	ProPEX EP In-line Valve, 1/2" PEX x 1/2" PEX	10	\$12.05
LF4815050	ProPEX LF Brass Ball Valve (large bore), 1/2" PEX x 1/2" PEX	10	\$28.10
Q4837575	ProPEX EP In-line Valve, 3/4" PEX x 3/4" PEX	10	\$16.75
LF4817575	ProPEX LF Brass Ball Valve (large bore), 3/4" PEX x 3/4" PEX	10	\$37.30

## ProPEX to ProPEX LF Full Port Brass Ball Valve



ProPEX to ProPEX LF Brass (quarter-turn) Ball Valve is intended as an in-line shutoff valve for 3/4" and 1" Uponor AquaPEX tubing. These valves are not compatible with applications using glycol.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4827575	ProPEX LF Brass Ball Valve (full port), 3/4" PEX x 3/4" PEX	10	\$53.20
LF4821010	ProPEX LF Brass Ball Valve (full port), 1" PEX x 1" PEX	10	\$73.40

## ProPEX Escutcheon



ProPEX Escutcheon with flaired sleeve provides an attractive cover for 1/2" Uponor AquaPEX tubing and ProPEX connections as they exit the wall. Available in white or chrome-plated.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
F5650500	ProPEX Escutcheon for 1/2" PEX (1 1/16" O.D.), chrome-plated	25	\$10.35
F5670500	ProPEX Escutcheon for 1/2" PEX (1 1/16" O.D.), white	25	\$2.90

## Brass Compression Stop Valve



Brass Compression (quarter-turn) Stop Valve is chrome-plated and available in angle or straight configurations. Stop valves are used for point-of-use shutoff at the fixture. Both styles connect 1/2" Uponor AquaPEX tubing to 3/8" o.d. risers.

**Note:** Compression inserts and rings for the 1/2" PEX connections are included.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4410500	LF Brass Compression Angle Stop Valve for 1/2" PEX	10	\$19.20
LF4420500	LF Brass Compression Straight Stop Valve for 1/2" PEX	10	\$22.10
F5400500	1/2" Insert (stainless steel)	10	\$1.70
F4440500	1/2" Compression Ring (brass)	10	\$1.25

# Uponor PEX-a Plumbing Systems

Lav and Closet Risers are installed with delrin ring (included).

**Note:** Uponor recommends Riser Washers for hot-water applications.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
F1072512	3/8" O.D. x 12" Lav Riser	100	\$1.30
F1072520	3/8" O.D. x 20" Lav Riser	100	\$1.85
F1072530	3/8" O.D. x 30" Lav Riser	100	\$2.40
F1072536	3/8" O.D. x 36" Lav Riser	100	\$3.20
F1082512	3/8" O.D. x 12" Closet Riser	100	\$1.45
F1082520	3/8" O.D. x 20" Closet Riser	100	\$1.85
Q4440250	3/8" I.D. Delrin Ring, replacement part	50	\$0.10
Q4300250	Riser Washer	1	\$32.40

## Riser



Chrome Finishing Sleeve slides over 1/2" Uponor AquaPEX tubing connected to point-of-use valve to provide protection and improve appearance.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
F5600500	Chrome Finishing Sleeve for 1/2" PEX (1 1/16" O.D.)	25	\$5.30

## Chrome Finishing Sleeve

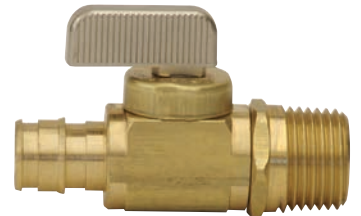


ProPEX to MIP LF Brass (quarter-turn) Ball Valve features a shutoff valve between 1/2" Uponor AquaPEX and 1/2" MIP. This valve is not compatible with applications using glycol.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4795050	ProPEX LF Brass Ball Valve, 1/2" PEX x 1/2" MIP	10	\$27.60

## ProPEX to MIP LF Brass Ball Valve



ProPEX Brass to Copper (quarter-turn) Ball Valve features a shutoff valve for 1/2" and 3/4" Uponor AquaPEX tubing to 1/2" and 3/4" copper pipe. These valves are not compatible with applications using glycol.

**Note:** ProPEX tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4805050	ProPEX LF Brass Ball Valve (large bore), 1/2" PEX x 1/2" Copper Adapter	10	\$23.90
LF4807575	ProPEX LF Brass Ball Valve (large bore), 3/4" PEX x 3/4" Copper Adapter	10	\$44.65

## ProPEX Brass to Copper Ball Valve



# Uponor PEX-a Plumbing Systems

## Ells and Boxes

### ProPEX LF Copper Tub Ell



ProPEX LF Copper Tub Ell provides a 90-degree transition from tub and shower valve to Uponor AquaPEX tubing.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF2875050	ProPEX LF Copper Tub Ell, 1/2" PEX LF Brass x 1/2" Copper (3" x 6")	25	\$15.35
LF2885050	ProPEX LF Copper Tub Ell, 1/2" PEX LF Brass x 1/2" Copper (3" x 4")	25	\$13.90

### ProPEX Copper Stub Ell



ProPEX Copper Stub Ell provides a 90-degree transition from Uponor AquaPEX tubing to copper or 1/2" compression valves.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF2865050	ProPEX Copper Stub Ell, 1/2" PEX Brass x 1/2" Copper (3 1/2" x 8")	25	\$16.95
LF2855050	ProPEX LF Copper Stub Ell, 1/2" PEX LF Brass x 1/2" Copper (13" x 8")	25	\$24.20
LF2895050	ProPEX LF Copper Stub Ell, 1/2" PEX LF Brass x 1/2" Copper (8" x 13")	25	\$24.85
LF2897575	ProPEX LF Copper Stub Ell, 3/4" PEX LF Brass x 3/4" Copper (4" x 8")	25	\$38.00

### ProPEX LF Copper Straight Stub



ProPEX LF Copper Straight Stub provides a straight transition from Uponor AquaPEX tubing to copper.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF2935050	ProPEX LF Copper Straight Stub, 1/2" PEX LF Brass x 1/2" Copper (8")	25	\$17.45
LF2945050	ProPEX LF Copper Straight Stub, 1/2" PEX LF Brass x 1/2" Copper (15")	25	\$20.90

### ProPEX LF Washing Machine Outlet Box



ProPEX Washing Machine Outlet Box comes with two 1/2" LF brass ProPEX color-coded hot and cold valves. The versatility of the box allows the installer the freedom to mount the box with the valves either on the top or bottom. The four support brackets make mounting the box quick and easy. The included snap-on cover plate accommodates up to 1" drywall.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF5930500	ProPEX Washing Machine Outlet Box, 1/2" LF Brass Valves	12	\$77.15

# Uponor PEX-a Plumbing Systems

ProPEX Ice Maker Outlet Box comes with one ½" LF brass ProPEX valve. The valve has a ¼" o.d. compression connection for connecting to standard ice maker tubing. The two support brackets make mounting the box quick and easy. The included snap-on cover plate accommodates up to 1" drywall.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF5955025	ProPEX Ice Maker Box with Support Brackets, ½" LF Brass Valve	12	\$45.60
F5400250	¼" Insert (stainless steel)	10	\$0.95

## ProPEX Ice Maker Box



ProPEX LF Brass In-line Ice Maker Tee, ½" PEX x ½" PEX, features ⅝" NPT x ¼" O.D. compression.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4455050	ProPEX LF Brass In-line Ice Maker Tee, ½" PEX x ½" PEX x ¼" O.D. compression	10	\$63.30

## ProPEX LF Brass In-line Ice Maker Tee



## EP Valved Manifold and Accessories

Available with three or four ProPEX outlets, the EP Valved Manifold is suitable for hot and cold potable water distribution systems. The kit includes a manifold, red and blue valve clips, labels, valve-turning tool and installation instructions.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q2110300	EP Valved Manifold, Kit C, 3 outlets with ½" ProPEX	1	\$92.65
Q2110400	EP Valved Manifold, Kit D, 4 outlets with ½" ProPEX	1	\$111.15

## EP Valved Manifold Kit



EP Valved Manifold ProPEX Inlet connects ¾" and 1" Uponor AquaPEX tubing to the manifold. The EP Valved Manifold End Cap seals the unused inlet on the manifold.

**Note:** ProPEX Tool is required. ProPEX Rings and Assembly/Mounting Brackets are required and sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q2120750	EP Valved Manifold, ¾" ProPEX Inlet	10	\$13.15
Q2121000	EP Valved Manifold, 1" ProPEX Inlet	10	\$14.20
Q2121250	EP Valved Manifold End Cap	10	\$13.15

## EP Valved Manifold ProPEX Inlet





# Uponor PEX-a Plumbing Systems

## EP Valved Manifold Coupling



The EP Valved Manifold Coupling joins manifold sections.

**Note:** Assembly/Mounting Brackets are required and sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q2121251	EP Valved Manifold Stop Coupling	10	\$18.00
Q2121313	EP Valved Manifold Flow-through Coupling	10	\$15.45

## EP Valved Manifold Assembly/Mounting Bracket



The EP Valved Manifold Assembly/Mounting Bracket assembles manifold sections and mounts the manifold to the wall or stud. One bracket is required per manifold joint.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q2120020	EP Valved Manifold Assembly/Mounting Bracket	10	\$8.20

## EP Valved Manifold Accessories



Replacement EP Valved Manifold Accessories.

**Note:** Valve clips are required and sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q2120050	EP Valved Manifold Valve Cylinder with O-rings	10	\$13.00
Q2120010	EP Valved Manifold Valve-turning Tool, replacement part	10	\$3.45
Q2120001	EP Valved Manifold Red Valve Clip	100	\$1.20
Q2120002	EP Valved Manifold Blue Valve Clip	100	\$1.20

## EP Valveless Manifolds

### EP Valveless Branch Manifold



The EP Valveless Branch Manifold is available with 3/4" or 1" inlets and 1/2" ProPEX outlets. The manifold is made of EP, the same durable material used in Uponor's EP fittings.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q2210800	EP Valveless Branch Manifold, 8 outlets, 1" ProPEX	1	\$63.45

### EP Flow-through Valveless Manifold



The EP Flow-through Valveless Manifold is available in 8, 10 or 12, 1/2" ProPEX outlets. The manifold comes with 3/4" and 1" ProPEX inlets. All outlets are 1/2" ProPEX connections. The manifold is made of EP, the same durable material used in Uponor's EP fittings.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q2240800	EP Flow-through Valveless Manifold, 8 outlets, 1" x 3/4" ProPEX	1	\$92.20
Q2241000	EP Flow-through Valveless Manifold, 10 outlets, 1" x 3/4" ProPEX	1	\$103.85
Q2241200	EP Flow-through Valveless Manifold, 12 outlets, 1" x 3/4" ProPEX	1	\$88.25

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final. See the alphanumeric on pages 131-154 for a listing of alternative part numbers.

# Uponor PEX-a Plumbing Systems

## Copper Branch Manifolds

ProPEX 1" Copper Branch Manifold features 1/2" ProPEX LF brass outlets brazed to manifold trunk. Sweat manifolds together to create the desired number of outlets. Do not exceed acceptable flow rates for 1" nominal copper.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF2801050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 4 outlets	1	\$72.60
LF2811050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 6 outlets	1	\$99.05
LF2821050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 8 outlets	1	\$124.75
LF2831050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 10 outlets	1	\$155.65
LF2841050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 12 outlets	1	\$191.20

### ProPEX 1" (type L) Copper Branch Manifold



ProPEX 1" Copper Branch Manifold features 1/2" ProPEX LF brass outlets brazed to manifold trunk and one 3/4" ProPEX LF brass fitting brazed to manifold inlet.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF2807550	1" Copper Branch Manifold, 4 LF brass outlets, 3/4" LF brass ProPEX inlet	1	\$88.75
LF2817550	1" Copper Branch Manifold, 6 LF brass outlets, 3/4" LF brass ProPEX inlet	1	\$137.25
LF2827550	1" Copper Branch Manifold, 8 LF brass outlets, 3/4" LF brass ProPEX inlet	1	\$172.65
LF2837550	1" Copper Branch Manifold, 10 LF brass outlets, 3/4" LF brass ProPEX inlet	1	\$191.10

### ProPEX 1" (type L) Copper LF Branch Manifold with 3/4" ProPEX Inlet



# Uponor PEX-a Plumbing Systems

## ProPEX 1" (type L) Copper LF Valved Manifold



ProPEX 1" Copper Valved Manifold features 1/2" ProPEX LF brass valve connections allowing for simple and easy isolation of individual loops. Sections can sweat together to extend the number of outlets using a standard 1" copper coupling. Both 1" ends are copper pipe size and require a copper end cap, coupling or transition fitting to make the proper system connection. Do not exceed acceptable flow rates for 1" nominal copper.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately. This manifold is not intended for applications using glycol.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF2500400	1" Copper Manifold with LF Brass 1/2" ProPEX Ball Valve, 4 outlets	1	\$214.45
LF2500600	1" Copper Manifold with LF Brass 1/2" ProPEX Ball Valve, 6 outlets	1	\$302.75
LF2500800	1" Copper Manifold with LF Brass 1/2" ProPEX Ball Valve, 8 outlets	1	\$400.30
LF2501000	1" Copper Manifold with LF Brass 1/2" ProPEX Ball Valve, 10 outlets	1	\$489.15
LF2501200	1" Copper Manifold with LF Brass 1/2" ProPEX Ball Valve, 12 outlets	1	\$571.30

## ProPEX 1" (type L) LF Copper Manifold



The ProPEX 1" Copper Manifold is 6' in length and features 24 individual 1/2" ProPEX LF brass outlets spaced 3" on center. The manifold is suitable for cutting to any length necessary to achieve the desired number of outlets.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF212450	1" x 6' Copper Manifold with 24 LF Brass outlets, 1/2" ProPEX, 3" on center	1	\$557.15

## Copper (type L) Valveless Manifold



Copper Valveless Manifold with 1/2" or 3/4" nominal branches is available in various outlet configurations. The manifolds can join together to create the desired number of outlets. Branches are brazed to manifold trunk. Use Uponor QS-style or ProPEX 1/2" or 3/4" Brass Sweat Adapters to make connections to 3/8", 1/2", 1/4" and 3/4" Uponor AquaPEX tubing. All manifolds require a 1" copper end cap and applicable transition fitting.

**Note:** Maximum recommended flow rates for these manifolds are: 2", 45 gpm; 1 1/2", 21 gpm; 1", 9 gpm.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
F2802075	2" x 6' Copper Valveless Manifold with 24 outlets, 3/4" sweat	1	\$732.90
F2801575	1 1/2" x 6' Copper Valveless Manifold with 24 outlets, 3/4" sweat	1	\$507.30
F2741050	1" Copper Valveless Manifold, 2 outlets, 1/2" sweat, 1 1/2" on center	1	\$50.65
F2751050	1" Copper Valveless Manifold, 3 outlets, 1/2" sweat, 1 1/2" on center	1	\$52.10
F2761050	1" Copper Valveless Manifold, 4 outlets, 1/2" sweat, 1 1/2" on center	1	\$56.40

## D'MAND® Hot Water Delivery System

The D'MAND® Hot Water Delivery System is an integral part of the Uponor Logic plumbing layout, which is designed to maximize energy and water savings, minimize connections, and reduce hot-water delivery times. The D'MAND Hot Water Delivery System provides two different system pumps. Model 100 supports plumbing systems with the farthest fixture less than 100 feet from the pump location. The Model 200 supports plumbing systems with the farthest fixture more than 100 feet (max.) from the pump location. The D'MAND system requires either an Activation Button or Motion Sensor to activate the system.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF6700070	LF D'MAND Model 100	1	\$1,049.55
LF6700002	LF D'MAND Model 200	1	\$1,799.25

### D'MAND® Hot Water Delivery System



The D'MAND Activation Button is used in areas where the homeowner wants to select when the D'MAND Hot Water Delivery System is activated. Two-wire, low-voltage thermostat wire connects the Activation Button to the control on the D'MAND pump.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q6700101	D'MAND Activation Button	1	\$14.25

### D'MAND Activation Button



The D'MAND Motion Sensor is used in low-traffic areas within the home such as a guest bathroom. Three wire, low-voltage thermostat wire connects the Motion Sensor to the control on the D'MAND pump.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q6700102	D'MAND Motion Sensor, hard-wired	1	\$185.35

### D'MAND Motion Sensor





# Uponor PEX-a Plumbing Systems

## Tools and Accessories



Refer to the following pages for a full listing of tools and accessories.

- Tube Uncoilers: page 119
- Tube Cutters: page 120
- Milwaukee Tools: page 121
- Tools: pages 121-124
- Tubing Supports: pages 125-126
- Fasteners, Fastener Tools and Protectors: pages 127-130



## Residential Fire Sprinkler Systems

# Uponor Residential Fire Sprinkler Systems

## Uponor AquaSAFE Fire Sprinkler System

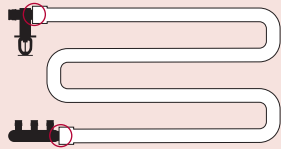
### Features and Benefits

- Offers increased peace of mind
- Expand your business and income potential
- Full support and training from Uponor Fire Safety Team
- Multipurpose System:
  - Integrated plumbing and fire sprinklers
  - Economical and easy add-on to plumbing system
  - Sprinklers tested every time a cold-water fixture is used
- Standalone System:
  - More freeze-resistant compared to CPVC
  - Flexible layouts and flexible PEX-a tubing

### Connection and Fitting Usage Comparison

#### Uponor AquaSAFE

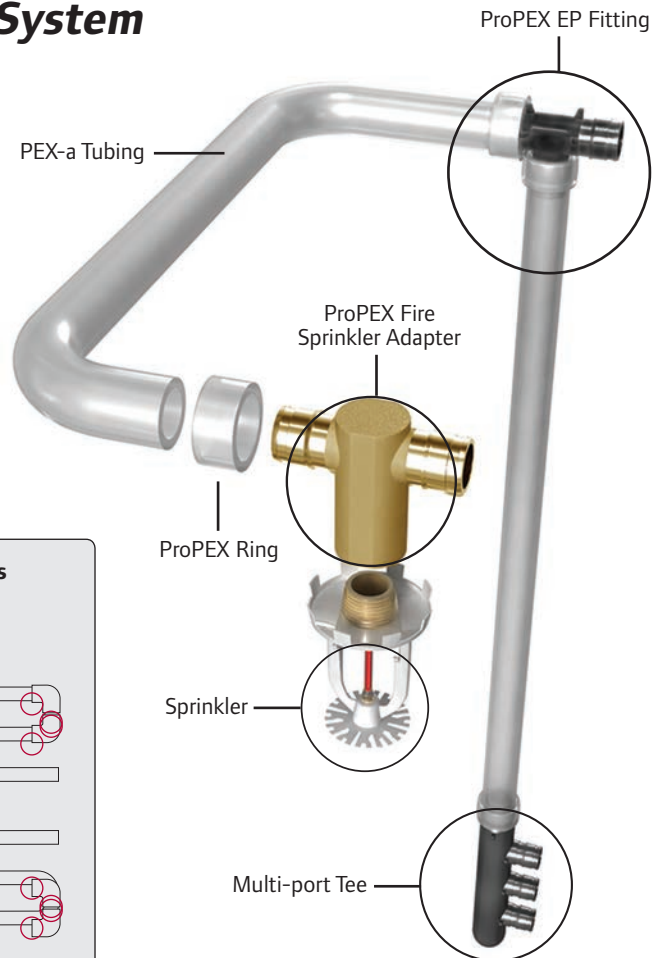
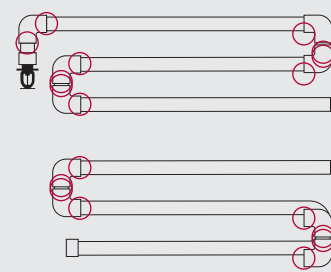
Connections: 139  
Fittings: 53



Half the connections  
Half the liability  
1/3 fewer fittings

#### Standalone CPVC Systems

Connections: 303  
Fittings: 141



### More Products Now Listed for Use with Uponor AquaSAFE

- Engineered Polymer (EP) fittings up to 2" now listed for use in Uponor AquaSAFE systems
- Uponor AquaPEX tubing up to 2" now listed for use in Uponor AquaSAFE fire sprinkler systems
- More flexible and efficient design options
- More cost effective
- More fitting configurations available

# Uponor Residential Fire Sprinkler Systems

## Uponor AquaPEX Tubing

Uponor AquaPEX tubing is used in hot and cold water distribution systems and AquaSAFE Residential Fire Safety Systems. Uponor AquaPEX tubing is suitable for use in hydronic heating applications where the system contains no ferrous corrodible components or where any ferrous components are isolated from the tubing. Uponor AquaPEX tubing coils and straight lengths come in red, white and blue for potable-water applications, and purple for water-reclamation applications.

Uponor AquaPEX tubing is manufactured and listed to ASTM F876 and F877 and CSA B137.5, certified to NSF Standards 14 and 61 and listed by the Hydrostatic Stress Board of PPI at 200°F at 80psi, 180°F at 100psi and 73.4°F at 160psi. Uponor AquaPEX tubing (½" to 2") is also listed to UL 1821 and ULC/ORD C199P and carries an additional rating of 120°F at 130psi.

Uponor AquaPEX White tubing is marked with the PEX 5106 designation as required by the most recent edition of ASTM F876-10, indicating it exceeds ASTM F876 chlorine-resistance requirements for continuous-recirculation systems operating up to 140°F while also affording a 30-day UV-resistance level.

Uponor AquaPEX Red and Uponor AquaPEX Blue tubing is marked with the PEX 5206 designation as required by the most recent edition of ASTM F876-10, indicating it exceeds ASTM F876 chlorine-resistance requirements for continuous-recirculation systems operating up to 140°F while also affording a 90-day UV-resistance level.

Part No.	Part Description	Coils/Pallet	List Price/Ea.
F1040500	½" Uponor AquaPEX White, 100-ft. coil	22	\$69.25
F1060500	½" Uponor AquaPEX White, 300-ft. coil	18	\$207.70
F1100500	½" Uponor AquaPEX White, 500-ft. coil	12	\$346.25
F1120500	½" Uponor AquaPEX White, 1,000-ft. coil	8	\$692.40
F1040750	¾" Uponor AquaPEX White, 100-ft. coil	22	\$118.75
F1060750	¾" Uponor AquaPEX White, 300-ft. coil	12	\$356.10
F1100750	¾" Uponor AquaPEX White, 500-ft. coil	8	\$593.50
F1041000	1" Uponor AquaPEX White, 100-ft. coil	12	\$211.80
F1061000	1" Uponor AquaPEX White, 300-ft. coil	5	\$635.50
F1101000	1" Uponor AquaPEX White, 500-ft. coil	6	\$1,059.20
F1061250	1¼" Uponor AquaPEX White, 100-ft. coil	7	\$433.85
F1021250	1¼" Uponor AquaPEX White, 300-ft. coil	2	\$1,301.35
F1061500	1½" Uponor AquaPEX White, 100-ft. coil	7	\$510.85
F1021500	1½" Uponor AquaPEX White, 300-ft. coil	2	\$1,532.50
F1062000	2" Uponor AquaPEX White, 100-ft. coil	5	\$1,010.85
F1052000	2" Uponor AquaPEX White, 200-ft. coil	3	\$2,021.70
F1022000	2" Uponor AquaPEX White, 300-ft. coil	2	\$3,032.55

**Uponor AquaPEX Tubing Coil — White**



Part No.	Part Description	List Price/Ea.
F1930500	½" Uponor AquaPEX White, 20-ft. straight length, 500 ft. (25 per bundle)	\$346.20
F1930750	¾" Uponor AquaPEX White, 20-ft. straight length, 300 ft. (15 per bundle)	\$356.10
F1921000	1" Uponor AquaPEX White, 20-ft. straight length, 200 ft. (10 per bundle)	\$423.70
F1921250	1¼" Uponor AquaPEX White, 20-ft. straight length, 100 ft. (5 per bundle)	\$433.85
F1921500	1½" Uponor AquaPEX White, 20-ft. straight length, 100 ft. (5 per bundle)	\$510.85
F1922000	2" Uponor AquaPEX White, 20-ft. straight length, 100 ft. (5 per bundle)	\$1,010.85

**Uponor AquaPEX Tubing Straight Length — White**





# Uponor Residential Fire Sprinkler Systems

## ProPEX Ring



A ProPEX Ring is required to make a proper ProPEX connection. The rings include a leading-edge chamfer and integral stop edge to further simplify the use of ProPEX fittings. Rings are listed to UL 1821 and ULC/ORD C199P.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4690512	ProPEX Ring with Stop, ½"	50	\$0.21
Q4690756	ProPEX Ring with Stop, ¾"	50	\$0.42
Q4691000	ProPEX Ring with Stop, 1"	50	\$0.83
Q4691250	ProPEX Ring with Stop, 1¼"	10	\$1.21
Q4691500	ProPEX Ring with Stop, 1½"	5	\$1.60
Q4692000	ProPEX Ring with Stop, 2"	10	\$3.25

## Looped Sprinkler Adapters

### ProPEX Lead-free (LF) Brass Fire Sprinkler Adapter



The ProPEX Lead-free (LF) Brass Fire Sprinkler Adapter connects residential fire sprinklers to Uponor AquaPEX tubing. Made of lead-free\* brass with ProPEX outlets, the adapter is NSF- and UL-approved for combined plumbing and fire sprinkler systems.

**Note:** Installation requires one Fire Sprinkler Adapter Mounting Bracket (A7750700) and one Push-on Nut (F7000005) for each Lead-free Brass Fire Sprinkler Adapter Tee (LF7707575 or LF7701010). Mount the bracket using #10 x 1½" screws (F7001500) or equivalent. ProPEX Tool is required. ProPEX Rings sold separately. UL 1821-listed.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF7707575*	ProPEX LF Brass Fire Sprinkler Adapter Tee, ¾" PEX x ¾" PEX x ½" FNPT	5	\$40.00
LF7701010*	ProPEX LF Brass Fire Sprinkler Adapter Tee, 1" PEX x 1" PEX x ½" FNPT	5	\$43.00
A7750700	Fire Sprinkler Adapter Mounting Bracket, ¾" and 1"	5	\$8.80
F7001500	Screws, #10 x 1½", Pan Head, Full Thread, 100/pkg.	1	\$22.00
F7000005	Fire Sprinkler Adapter Push-on Nut, 25/pkg.	1	\$55.00

\*Per NSF Annex G, lead-free products contain no more than 0.25% weighted average lead content on wetted surfaces.

### ProPEX Stainless Steel Fire Sprinkler Adapter



The ProPEX Fire Sprinkler Adapter connects residential fire sprinklers to Uponor AquaPEX tubing. Made of stainless steel with ProPEX outlets, the adapter is NSF- and UL-listed for combined plumbing and fire sprinkler systems.

**Note:** ProPEX Rings sold separately. Sprinkler wrench required. UL 1821-listed.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q7517550	ProPEX Fire Sprinkler Adapter, ¾" PEX x ½" FNPT	5	\$59.40
Q7511050	ProPEX Fire Sprinkler Adapter, 1" PEX x ½" FNPT	5	\$60.50
Q7537550	ProPEX Fire Sprinkler Adapter Right Elbow, ¾" PEX x ½" FNPT	5	\$60.50
Q7531050	ProPEX Fire Sprinkler Adapter Right Elbow, 1" PEX x ½" FNPT	5	\$64.90
Q7547550	ProPEX Fire Sprinkler Adapter Left Elbow, ¾" PEX x ½" FNPT	5	\$60.50
Q7541050	ProPEX Fire Sprinkler Adapter Left Elbow, 1" PEX x ½" FNPT	5	\$64.90

# Uponor Residential Fire Sprinkler Systems

## Residential Fire Sprinklers

The Concealed Sprinkler threads onto Uponor's Fire Sprinkler Adapter Fitting. All sprinklers come complete with a plastic protective cap and cup. Sprinklers are NSF- and UL-approved for combined plumbing and fire sprinkler systems. Sprinklers designated LF are also NSF Annex G compliant.

**Note:** Concealed Cover Plates sold separately. Do not store sprinkler assemblies where the ambient temperature will exceed 100°F. RFC sprinkler wrench required to assemble sprinkler and adapter.

Part No.	Part Description	K-factor	Pkg. Qty.	List Price/Ea.
LF74300BR	LF RFC43 (165°F) Flat Concealed Sprinkler	4.3	5	\$73.50
Q74300BR	RFC43 (165°F) Flat Concealed Sprinkler	4.3	5	\$50.00
LF74900FC	LF RFC49 (165°F) Flat Concealed Sprinkler	4.9	5	\$73.50
Q74900FC	RFC49 (165°F) Flat Concealed Sprinkler	4.9	5	\$50.00

### Concealed Sprinkler



The Recessed Pendent Sprinkler threads onto Uponor's Fire Sprinkler Adapter Fitting. Sprinklers are NSF and UL-approved for combined plumbing and fire sprinkler systems. Sprinklers designated LF are also NSF Annex G compliant.

**Note:** Protective plastic caps, escutcheons and tension collars (see page 48) sold separately. Do not store sprinkler assemblies where the ambient temperature will exceed 100°F. Recessed Sprinkler Wrench required to assemble sprinkler and adapter.

Part No.	Part Description	K-factor	Pkg. Qty.	List Price/Ea.
Q73000WH	F1/Res 30 (155°F) Recessed Pendent Sprinkler, White	3.0	5	\$33.00
LF73000WH	LF Recessed Pendent Sprinkler, 155°F, 3.1 K-factor, White	3.1	5	\$64.00
Q73001WH*	F1/Res 30 (175°F) Recessed Pendent Sprinkler, White	3.0	5	\$33.00
LF73001WH*	LF Recessed Pendent Sprinkler, 175°F, 3.1 K-factor, White	3.1	5	\$64.00
Q74900WH	F1/Res 49 (155°F) Recessed Pendent Sprinkler, White	4.9	5	\$33.00
LF74900WH	LF Recessed Pendent Sprinkler, 155°F, 4.9 K-factor, White	4.9	5	\$64.00
Q74901WH*	F1/Res 49 (175°F) Recessed Pendent Sprinkler, White	4.9	5	\$33.00
LF74901WH*	LF Recessed Pendent Sprinkler, 175°F, 4.9 K-factor, White	4.9	5	\$64.00

### Recessed Pendent Sprinkler



\*Use 175°F sprinklers where the maximum ambient ceiling temperatures are between 101°F and 150°F.

The Recessed Horizontal Sidewall Sprinkler threads onto Uponor's Fire Sprinkler Adapter Fitting. Sprinklers are NSF- and UL-approved for combined plumbing and fire sprinkler systems. Sprinklers designated LF are also NSF Annex G compliant.

**Note:** Protective plastic caps, escutcheons and covers sold separately. Do not store sprinkler assemblies where the ambient temperature will exceed 100°F. Recessed Sprinkler Wrench required to assemble sprinkler and adapter.

Part No.	Part Description	K-factor	Pkg. Qty.	List Price/Ea.
Q74400WH	F1/Res 44 (155°F) Recessed Horizontal Sidewall Sprinkler, White	4.4	5	\$33.00
LF74300HW	LF Recessed Horizontal Sidewall Sprinkler, 155°F, 4.3 K-factor, White	4.3	5	\$65.00
Q74401WH*	F1/Res 44 (175°F) Recessed Horizontal Sidewall Sprinkler, White	4.4	5	\$33.00
LF74301HW*	LF Recessed Horizontal Sidewall Sprinkler, 175°F, 4.3 K-factor, White	4.3	5	\$65.00
LF74000HS	LF Flat Concealed Horizontal Sidewall Sprinkler, 165°F, 4.0 K-factor	4.0	5	\$140.00

### Recessed Horizontal Sidewall Sprinkler



### Flat Concealed Horizontal Sidewall Sprinkler



\*Use 175°F sprinklers where the maximum ambient ceiling temperatures are between 101°F and 150°F.

# Uponor Residential Fire Sprinkler Systems

## Network Sprinkler Assemblies

### Recessed Pendent Sprinkler Assembly



The Recessed Pendent Sprinkler Assembly comes with the sprinkler threaded onto the stainless-steel multi-port fitting with ProPEX outlets. All assemblies come complete with a protective plastic cap and escutcheon. Sprinkler assemblies are NSF- and UL-approved for combined plumbing and fire sprinkler systems.

**Note:** Do not store sprinkler assemblies where the ambient temperature will exceed 100°F.

Part No.	Part Description	K-factor	Pkg. Qty.	List Price/Ea.
◀ Q74955WH	F1/Res 49 (155°F) Recessed Pendent Sprinkler Assembly, White	4.9	5	\$93.50
◀ Q74955BR	F1/Res 49 (155°F) Recessed Pendent Sprinkler Assembly, Bronze	4.9	5	\$102.30
◀ Q74975WH*	F1/Res 49 (175°F) Recessed Pendent Sprinkler Assembly, White	4.9	5	\$95.70

\*Use 175°F sprinklers where the maximum ambient ceiling temperatures are between 101°F and 150°F.

### Recessed Horizontal Sidewall Sprinkler Assembly



The Recessed Horizontal Sidewall Sprinkler Assembly comes with the sprinkler threaded onto the stainless steel multi-port fitting with ProPEX outlets. All assemblies come complete with a protective plastic cap and escutcheon. Sprinkler assemblies are NSF- and UL-approved for combined plumbing and fire sprinkler systems.

**Note:** Do not store sprinkler assemblies where the ambient temperature will exceed 100°F.

Part No.	Part Description	K-factor	Pkg. Qty.	List Price/Ea.
◀ Q74455WH	F1/Res 44 (155°F) Recessed Horizontal Sidewall Sprinkler Assembly, White	4.4	5	\$93.50

### Flat Concealed Sprinkler Assembly



The Flat Concealed Sprinkler Assembly comes with the sprinkler threaded onto Uponor's stainless-steel multi-port fitting with ProPEX outlets. All assemblies come complete with a plastic protective cap and cup. Sprinkler assemblies are NSF- and UL-approved for combined plumbing and fire sprinkler systems.

**Note:** Concealed Cover Plates sold separately. Do not store sprinkler assemblies where the ambient temperature will exceed 100°F.

Part No.	Part Description	K-factor	Pkg. Qty.	List Price/Ea.
◀ Q74355CP	RFC43 (165°F) Flat Concealed Sprinkler Assembly	4.3	5	\$102.30

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final. See the alphanumeric on pages 131-154 for a listing of alternative part numbers.

# Uponor Residential Fire Sprinkler Systems

## Sprinkler Cabinets

This three-sprinkler cabinet allows installers to leave spare sprinklers in the home.

**Note:** Ensure extra sprinklers of each type used in the home are purchased separately and included in the cabinet.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q7503000	Sprinkler Cabinet without Sprinklers	1	\$80.30

### Sprinkler Cabinet



## Sprinkler Accessories

The Concealed Flat Cover Plate easily slides onto the Flat Concealed Sprinkler for a finished appearance. The flat cover plate completely hides the sprinkler from view. All cover plates detach from the sprinkler assembly when temperatures reach 135°F.

**Note:** Do not store cover plates in areas where the ambient temperature will exceed 100°F. **Cover plate must be used with the RFC43 or RFC49 concealed sprinkler and the LF Concealed Horizontal Sidewall Sprinkler.**

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q70643WH	Concealed Flat Cover Plate, White	5	\$26.00
Q70640HW*	Concealed Flat Cover Plate for HSW, White, (HSW style only)	5	\$42.00

\*HSW style only

### Concealed Flat Cover Plate



# Uponor Residential Fire Sprinkler Systems

## Recessed Escutcheon



Recessed Escutcheon provides a finished appearance. It comes complete with a tension collar and is available in white.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q71801WH	1/2" Recessed Escutcheon, White	25	\$8.25
Q71850LW	Two-piece Recessed Escutcheon for LF Recessed Pendent and LF Recessed HSW, White	5	\$9.00

## Concealed Sprinkler Wrench



These specially designed Concealed Sprinkler Wrenches quickly and easily allow access to service Concealed Sprinklers.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q7500300	Concealed Sprinkler Wrench for RFC43 or RFC49, Flat Cover Plate	1	\$176.00
Q7500430	Sprinkler Wrench, LF Flat Concealed Horizontal Sidewall	1	\$176.00

## Recessed Sprinkler Wrench



These specially designed Recessed Sprinkler Wrenches quickly and easily allow access to service Recessed Pendent and LF Horizontal Sidewall Sprinklers.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q7500200	Recessed Sprinkler Wrench	1	\$176.00
Q7500400	Sprinkler Wrench, LF Recessed Pendent	1	\$240.00
Q7500410	Sprinkler Wrench, LF Recessed Horizontal Sidewall	1	\$270.00

## Recessed Protective Cap



The Recessed Protective Cap (plastic) protects the sprinklers from dust, paint and other hazards that might damage the sprinkler during the finishing work. Remove the cap after all finishing work is complete.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q7160050	Recessed Protective Cap, spare part	25	\$2.75



# Uponor Residential Fire Sprinkler Systems

## Manifolds and Fittings

ProPEX 1" Copper Branch Manifold features 1/2" ProPEX LF brass outlets brazed to manifold trunk. Sweat manifolds together to create the desired number of outlets. Do not exceed acceptable flow rates for 1" nominal copper.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF2801050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 4 outlets	1	\$72.60
LF2811050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 6 outlets	1	\$99.05
LF2821050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 8 outlets	1	\$124.75
LF2831050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 10 outlets	1	\$155.65
LF2841050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 12 outlets	1	\$191.20

### ProPEX 1" (type L) Copper Branch Manifold



ProPEX EP and LF Brass Couplings make PEX-to-PEX connections.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately. UL 1821-listed.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4545050	ProPEX LF Brass Coupling, 1/2" PEX x 1/2" PEX	25	\$5.95
LF4547575	ProPEX LF Brass Coupling, 3/4" PEX x 3/4" PEX	25	\$9.10
LF4547510	ProPEX LF Brass Coupling, 3/4" PEX x 1" PEX	10	\$14.05
LF4541010	ProPEX LF Brass Coupling, 1" PEX x 1" PEX	10	\$16.55
Q4775050	ProPEX EP Coupling, 1/2" PEX x 1/2" PEX	25	\$1.50
Q4775075	ProPEX EP Coupling, 1/2" PEX x 3/4" PEX	25	\$3.20
Q4777510	ProPEX EP Coupling, 3/4" PEX x 1" PEX	25	\$4.55
Q4777575	ProPEX EP Coupling, 3/4" PEX x 3/4" PEX	25	\$1.90
Q4771010	ProPEX EP Coupling, 1" PEX x 1" PEX	10	\$3.00
Q4771307	ProPEX EP Coupling, 1 1/4" PEX x 3/4" PEX	1	\$6.65
Q4771310	ProPEX EP Coupling, 1 1/4" PEX x 1" PEX	1	\$6.90
Q4771313	ProPEX EP Coupling, 1 1/4" PEX x 1 1/4" PEX	1	\$7.85
Q4771507	ProPEX EP Coupling, 1 1/2" PEX x 3/4" PEX	1	\$7.95
Q4771510	ProPEX EP Coupling, 1 1/2" PEX x 1" PEX	1	\$8.15
Q4771513	ProPEX EP Coupling, 1 1/2" PEX x 1 1/4" PEX	1	\$8.25
Q4771515	ProPEX EP Coupling, 1 1/2" PEX x 1 1/2" PEX	1	\$8.40
Q4772015	ProPEX EP Coupling, 2" PEX x 1 1/2" PEX	1	\$44.75
Q4772020	ProPEX EP Coupling, 2" PEX x 2" PEX	1	\$57.35

### ProPEX Coupling



Engineered Polymer (EP)



Lead-free (LF) Brass

Price reduced

# Uponor Residential Fire Sprinkler Systems

## ProPEX Reducing Tee

ProPEX EP and LF Brass Reducing Tees make diverting connections for Uponor AquaPEX tubing. Branch size is listed last in the part description.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately. UL 1821-listed.



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4707550	ProPEX LF Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX	25	\$16.35
LF4707710	ProPEX LF Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	10	\$26.35
LF4701775	ProPEX LF Brass Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	10	\$30.20
LF4701751	ProPEX LF Brass Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	10	\$30.20
LF4701150	ProPEX LF Brass Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	10	\$30.20
LF4701175	ProPEX LF Brass Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	10	\$30.20
Q4755575	ProPEX EP Reducing Tee, 1/2" PEX x 1/2" PEX x 3/4" PEX	25	\$7.25
Q4757550	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX	25	\$2.45
Q4757555	ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 1/2" PEX	25	\$2.90
Q4757557	ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 3/4" PEX	25	\$2.90
Q4757710	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	10	\$10.75
Q4751150	ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	10	\$5.00
Q4751175	ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	10	\$5.50
Q4751311	ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 1" PEX	1	\$12.50
Q4751317	ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 3/4" PEX	1	\$10.70
Q4751331	ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 1" PEX	1	\$12.95
Q4751337	ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 3/4" PEX	1	\$12.55


# Uponor Residential Fire Sprinkler Systems

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4751511	ProPEX EP Reducing Tee, 1½" PEX x 1" PEX x 1" PEX	1	\$15.05
Q4751517	ProPEX EP Reducing Tee, 1½" PEX x 1" PEX x ¾" PEX	1	\$15.05
Q4751531	ProPEX EP Reducing Tee, 1½" PEX x 1¼" PEX x 1" PEX	1	\$17.75
Q4751533	ProPEX EP Reducing Tee, 1½" PEX x 1¼" PEX x 1¼" PEX	1	\$18.85
Q4751537	ProPEX EP Reducing Tee, 1½" PEX x 1¼" PEX x ¾" PEX	1	\$17.15
Q4751551	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x 1" PEX	1	\$16.60
Q4751553	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x 1¼" PEX	1	\$17.05
Q4751557	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x ¾" PEX	1	\$16.10
Q4751751	ProPEX EP Reducing Tee, 1" PEX x ¾" PEX x 1" PEX	10	\$5.70
Q4751775	ProPEX EP Reducing Tee, 1" PEX x ¾" PEX x ¾" PEX	10	\$4.75
Q4752051	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 1" PEX	1	\$76.45
Q4752053	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 1¼" PEX	1	\$87.90
Q4752055	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 1½" PEX	1	\$95.45
Q4752210	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1" PEX	1	\$82.05
Q4752213	ProPEX EP Reducing Tee, 2" x 2" x 1¼"	1	\$86.20
Q4752215	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1½" PEX	1	\$96.55
Q4752275	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x ¾" PEX	1	\$83.65
Q4752575	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x ¾" PEX	1	\$87.90

## ProPEX Reducing Tee



Residential Fire Sprinkler Systems

 Price reduced

# Uponor Residential Fire Sprinkler Systems

## ProPEX Elbow

ProPEX EP and LF Brass Elbows make tight, 90-degree connections for Uponor AquaPEX tubing.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately. UL 1821-listed.



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4710750	ProPEX LF Brass Elbow, 3/4" PEX x 3/4" PEX	25	\$11.65
LF4711000	ProPEX LF Brass Elbow, 1" PEX x 1" PEX	10	\$18.75
Q4760500	ProPEX EP Elbow, 1/2" PEX x 1/2" PEX	25	\$1.85
Q4760750	ProPEX EP Elbow, 3/4" PEX x 3/4" PEX	25	\$2.35
Q4761000	ProPEX EP Elbow, 1" PEX x 1" PEX	10	\$4.80
Q4761250	ProPEX EP Elbow, 1 1/4" PEX x 1 1/4" PEX	1	\$11.90
Q4761500	ProPEX EP Elbow, 1 1/2" PEX x 1 1/2" PEX	1	\$15.15
Q4762000	ProPEX EP Elbow, 2" PEX x 2" PEX	1	\$80.80

## ProPEX Tee

ProPEX EP and LF Brass Tees make diverting connections for Uponor AquaPEX tubing. Branch size is listed last in the part description.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately. UL 1821-listed.



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4705050	ProPEX LF Brass Tee, 1/2" PEX x 1/2" PEX x 1/2" PEX	25	\$10.05
LF4707575	ProPEX LF Brass Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX	25	\$16.35
LF4701010	ProPEX LF Brass Tee, 1" PEX x 1" PEX x 1" PEX	10	\$30.20
Q4755050	ProPEX EP Tee, 1/2" PEX x 1/2" PEX x 1/2" PEX	25	\$1.85
Q4757575	ProPEX EP Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX	25	\$3.00
Q4751010	ProPEX EP Tee, 1" PEX x 1" PEX x 1" PEX	10	\$5.45
Q4751313	ProPEX EP Tee, 1 1/4" PEX x 1 1/4" PEX x 1 1/4" PEX	1	\$13.55
Q4751515	ProPEX EP Tee, 1 1/2" PEX x 1 1/2" PEX x 1 1/2" PEX	1	\$18.10
Q4752000	ProPEX EP Tee, 2" PEX x 2" PEX x 2" PEX	1	\$99.55

Price reduced

# Uponor Residential Fire Sprinkler Systems

ProPEX EP Plugs permanently or temporarily terminate the end of Uponor PEX tubing.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

## ProPEX EP Plug



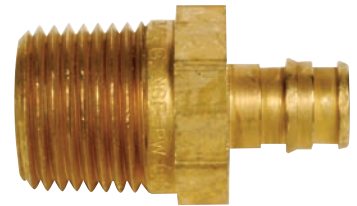
Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4350500	ProPEX EP Plug for 1/2" PEX	25	\$1.15
Q4350750	ProPEX EP Plug for 3/4" PEX	25	\$1.80
Q4351000	ProPEX EP Plug for 1" PEX	10	\$2.45
Q4351250	ProPEX EP Plug for 1 1/4" PEX	1	\$13.40
Q4351500	ProPEX EP Plug for 1 1/2" PEX	1	\$20.65
Q4352000	ProPEX EP Plug for 2" PEX	1	\$31.30

\$

ProPEX LF Brass Male Threaded Adapters connect Uponor AquaPEX tubing to male NPT threads and are intended as transition fittings from metal to PEX.

**Note:** ProPEX tool is required. ProPEX Rings sold separately. UL 1821-listed.

## ProPEX LF Brass Male Threaded Adapter



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4527575	ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$10.05
LF4521010	ProPEX LF Brass Male Threaded Adapter, 1" PEX x 1" NPT	10	\$20.75
LF4521313	ProPEX LF Brass Male Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	1	\$46.85
LF4521515	ProPEX LF Brass Male Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	1	\$62.65
LF4522020	ProPEX LF Brass Male Threaded Adapter, 2" PEX x 2" NPT	1	\$192.15

ProPEX LF Brass Female Threaded Adapters connect Uponor AquaPEX tubing to female NPT threads and are intended as transition fittings from metal to PEX.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately. UL 1821-listed.

## ProPEX LF Brass Female Threaded Adapter



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4577575	ProPEX LF Brass Female Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$12.40
LF4571010	ProPEX LF Brass Female Threaded Adapter, 1" PEX x 1" NPT	10	\$26.20
LF4571313	ProPEX LF Brass Female Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	1	\$48.05
LF4571515	ProPEX LF Brass Female Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	1	\$102.50
LF4572020	ProPEX LF Brass Female Threaded Adapter, 2" PEX x 2" NPT	1	\$237.00

ProPEX LF Brass Sweat Adapters transition Uponor AquaPEX tubing to copper pipe.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately. UL 1821-listed.

## ProPEX LF Brass Sweat Adapter



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4517575	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 3/4" Copper	25	\$8.85
LF4511010	ProPEX LF Brass Sweat Adapter, 1" PEX x 1" Copper	10	\$14.75
LF4511313	ProPEX LF Brass Sweat Adapter, 1 1/4" PEX x 1 1/4" Copper	1	\$39.15
LF4511515	ProPEX LF Brass Sweat Adapter, 1 1/2" PEX x 1 1/2" Copper	1	\$59.90
LF4512020	ProPEX LF Brass Sweat Adapter, 2" PEX x 2" Copper	1	\$172.95

\$ Price reduced



# Uponor Residential Fire Sprinkler Systems

## Test Equipment

### In-line Flow Test Kit

The In-line Flow Test Kit performs a flow test to ensure proper system operation and flow. The kit contains two straight lengths of 3/4" Uponor AquaPEX tubing, four test orifices, a 1" ball valve, a flow meter, assorted hardware, and assembly and installation instructions.

**Note:** Perform a flow test on every system installed to ensure consistency with the system design.



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q7602000	In-line Flow Test Kit	1	\$550.00
Q7602001	In-line Flow Meter, replacement part	1	\$385.00

### Test Orifice

The Test Orifice is used with the In-line Flow Test Kit. Use the appropriate orifice, as sprinklers vary in orifice size.

**Note:** Test orifices are color-coded for easy identification.



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q7500030	Test Orifice for F1/Res 30 Sprinkler, 3.0 K-factor, white	5	\$27.50
Q7500043	Test Orifice for RFC 43 Sprinkler, 4.3 K-factor, red	5	\$27.50
Q7500044	Test Orifice for F1/Res 44 Sprinkler, 4.4 K-factor, blue	5	\$27.50
Q7500049	Test Orifice for F1/Res 49 or RFC 49 Sprinkler, 4.9 K-factor, black	5	\$27.50

## Tools and Accessories



Refer to the following pages for a full listing of tools and accessories.

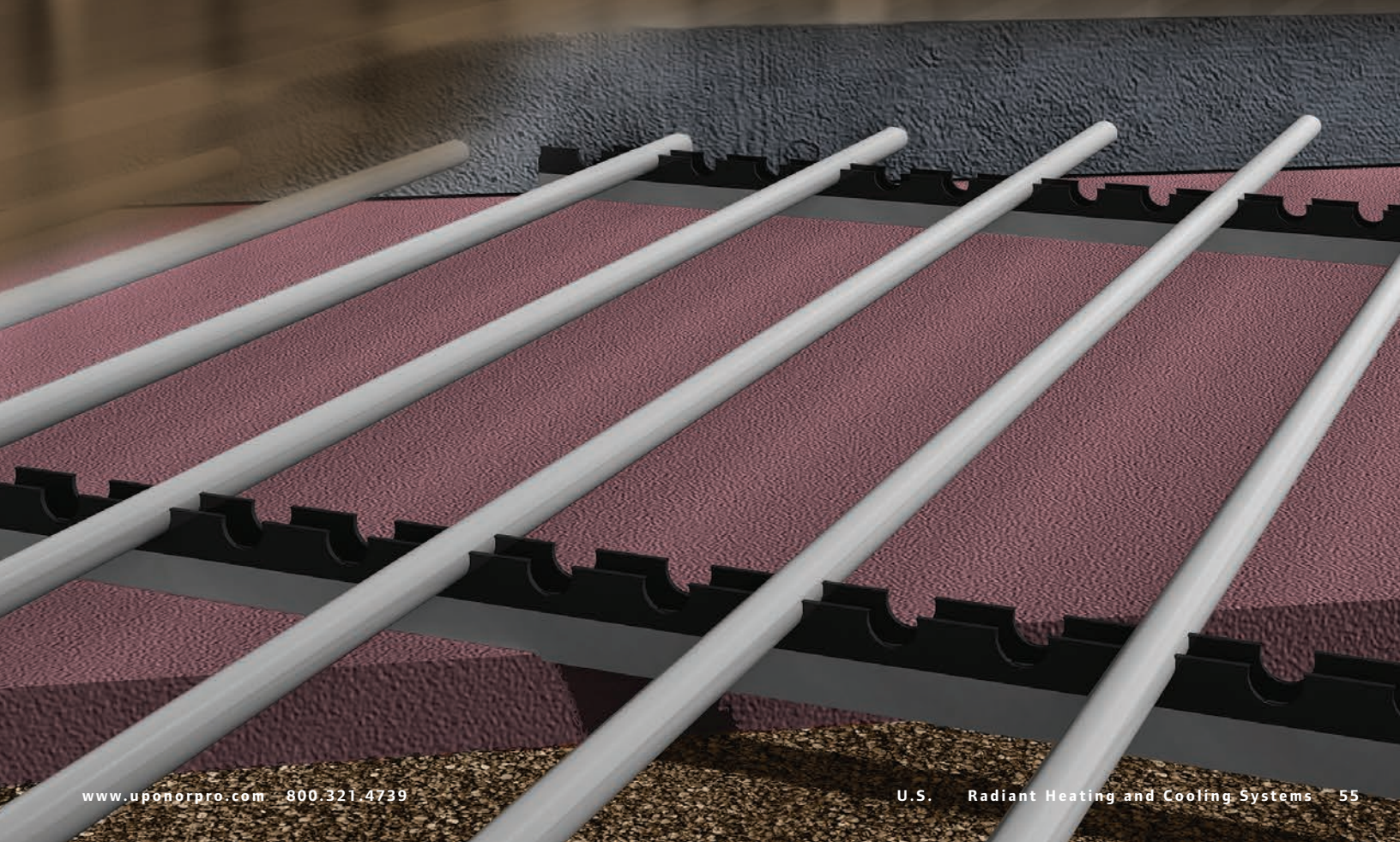
- Tube Uncoilers: page 119
- Tube Cutters: page 120
- Milwaukee Tools: page 121
- Tools: pages 121-124
- Tubing Supports: pages 125-126
- Fasteners, Fastener Tools and Protectors: pages 127-130

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final. See the alphanumeric on pages 131-154 for a listing of alternative part numbers.





## Radiant Heating and Cooling Systems





# Uponor Radiant Heating and Cooling Systems

## Uponor PEX for Hydronic Distribution Piping

With over 40 years of proven performance and more than 15 billion feet of crosslinked polyethylene (PEX-a) pipe installed worldwide, Uponor is the specified choice for commercial hydronic distribution piping applications.

Radiant Heating and Cooling Systems



### Uponor PEX-a Pipe Advantage

- Superior flexibility reduces number of fittings, connections
- Saves install time and labor costs
- Lower, more stable material costs

### Uponor ProPEX Fittings Advantage

- Simple, fast, reliable visual connections
- Comprehensive offering of engineered polymer (EP) and lead-free brass
- The only fitting system that gets stronger over time

### Uponor Distribution Piping Systems Advantage

- Excellent choice for both retrofit and new-construction applications
- Approved for fire-resistive construction
- 25-year warranty on pipe and ProPEX fittings
- Engineering support — BIM resources, construction details, submittals, specifications and training

# Uponor Radiant Heating and Cooling Systems

## Barrier Tubing

Wirsbo hePEX™ tubing is intended for closed-loop hydronic radiant heating and cooling applications. It features a patent-pending oxygen barrier and is tested to DIN 4726. It is compatible with Uponor's ProPEX, WIPEX™ and QS-style fittings and is manufactured in full compliance to ASTM F876-09 (including dimensional requirements for barrier tubing) as well as ASTM F877. Wirsbo hePEX tubing is also listed to NSF Standard 61 for potable applications. The tubing is rated and listed by the Hydrostatic Stress Board of PPI at 200°F at 80 psi, 180°F at 100 psi and 73.4°F at 160 psi.

Wirsbo hePEX Tubing, Coil



Part No.	Part Description	Coils/Pallet	List Price/Ea.
A1140313	5/16" Wirsbo hePEX White, 100-ft. coil	30	\$106.35
A1180313	5/16" Wirsbo hePEX White, 250-ft. coil	40	\$265.85
A1220313	5/16" Wirsbo hePEX White, 1,000-ft. coil	12	\$1,063.20
A1140375	3/8" Wirsbo hePEX White, 100-ft. coil	28	\$120.25
A1210375	3/8" Wirsbo hePEX White, 400-ft. coil	18	\$481.00
A1220375	3/8" Wirsbo hePEX White, 1,000-ft. coil	12	\$1,202.45
A1140500	1/2" Wirsbo hePEX White, 100-ft. coil	22	\$111.80
A1250500	1/2" Wirsbo hePEX White, 300-ft. coil	18	\$335.35
A1260500	1/2" Wirsbo hePEX White, 500-ft. coil	12	\$558.92
A1220500	1/2" Wirsbo hePEX White, 1,000-ft. coil	8	\$1,117.75
A1140625	5/8" Wirsbo hePEX White, 100-ft. coil	15	\$145.65
A1250625	5/8" Wirsbo hePEX White, 300-ft. coil	12	\$436.85
A1210625	5/8" Wirsbo hePEX White, 400-ft. coil	12	\$582.60
A1220625	5/8" Wirsbo hePEX White, 1,000-ft. coil	5	\$1,456.05
A1140750	3/4" Wirsbo hePEX White, 100-ft. coil	22	\$179.80
A1250750	3/4" Wirsbo hePEX White, 300-ft. coil	12	\$539.30
A1240750	3/4" Wirsbo hePEX White, 500-ft. coil	8	\$898.90
A1220750	3/4" Wirsbo hePEX White, 1000-ft. coil	3	\$1,798.00
A1141000	1" Wirsbo hePEX White, 100-ft. coil	12	\$300.35
A1251000	1" Wirsbo hePEX White, 300-ft. coil	5	\$901.15
A1241000	1" Wirsbo hePEX White, 500-ft. coil	6	\$1,501.80
A1141250	1 1/4" Wirsbo hePEX, 100-ft. coil	7	\$524.90
A1251250	1 1/4" Wirsbo hePEX, 300-ft. coil	2	\$1,574.60
A1141500	1 1/2" Wirsbo hePEX, 100-ft. coil	7	\$696.50
A1251500	1 1/2" Wirsbo hePEX, 300-ft. coil	2	\$2,089.50
A1142000	2" Wirsbo hePEX, 100-ft. coil	5	\$1,111.05
A1252000	2" Wirsbo hePEX, 300-ft. coil	2	\$3,333.15
A1252500*	2 1/2" Wirsbo hePEX, 300-ft. coil	1	\$4,457.55
A1253000*	3" Wirsbo hePEX, 300-ft. coil	1	\$7,068.00
A1143500*	3 1/2" Wirsbo hePEX, 100-ft. coil	1	\$2,988.40
A1144000*	4" Wirsbo hePEX, 100-ft. coil	1	\$4,000.90

\*Wirsbo hePEX coils for 2 1/2", 3", 3 1/2" and 4" tubing and other non-standard lengths are available on a made-to-order basis. Allow 6 weeks for delivery. Call Uponor Customer Service at 888.594.7726 for availability and pricing. Wirsbo hePEX 2 1/2", 3", 3 1/2" and 4" tubing uses WIPEX fittings (see page 112 for a listing of WIPEX fittings).

# Uponor Radiant Heating and Cooling Systems

## Wirsbo hePEX Tubing Straight Length



Part No.	Part Description	List Price/Ea.
A1930625	5/8" Wirsbo hePEX, 20-ft. straight length, 300 ft. (15 per bundle)	\$436.85
A1930750	3/4" Wirsbo hePEX, 20-ft. straight length, 300 ft. (15 per bundle)	\$539.30
A1921000	1" Wirsbo hePEX, 20-ft. straight length, 200 ft. (10 per bundle)	\$600.70
A1921250	1 1/4" Wirsbo hePEX, 20-ft. straight length, 100 ft. (5 per bundle)	\$524.90
A1921500	1 1/2" Wirsbo hePEX, 20-ft. straight length, 100 ft. (5 per bundle)	\$696.50
A1922000	2" Wirsbo hePEX, 20-ft. straight length, 100 ft. (5 per bundle)	\$1,111.05

## 2" Wirsbo hePEX Expansion Joint



The Wirsbo hePEX Expansion Joint offers a complete labor and cost savings solution for radiant systems requiring expansion joints to accommodate expansion and contraction in long tubing runs.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A1992000	2" Wirsbo hePEX Expansion Joint	1	\$42.80

## Radiant Rollout™ Mat



Radiant Rollout™ Mat provides a fast, efficient and consistent method for installing radiant heating and cooling systems in large commercial areas — reducing installation time, helping projects stay on schedule, providing worker safety by minimizing knee and back strain, and offering dependable commissioning with pre-pressurized tubing and self-balancing circuits.

**Note:** Because the Radiant Rollout Mat is a custom-made product, contact Uponor Technical Services at [technical.services@uponor.com](mailto:technical.services@uponor.com) or 888.594.7726 for availability, pricing and to request the Radiant Rollout Mat Design Request Form. Lead times for delivery vary from 4 to 6 weeks. Mats ship F.O.B. destination. General terms and conditions apply.

### Radiant Rollout Mat Options

Length	Customizable from 40' to 225'
Width	4 1/2' with 9" on-center spacing with or without in-slab manifold 5' with 6" on-center spacing with or without in-slab manifold 9' with 9" on-center spacing with in-slab, 3/4" reverse-return header 10' with 6" on-center spacing with in-slab, 3/4" reverse-return header
Tubing	Wirsbo hePEX (oxygen barrier)
Fittings	Engineered Polymer (EP) fittings (with in-slab, 3/4" reverse-return header only)
Pre-pressurization	20 psi; pressurized at the factory with in-slab, 3/4" reverse-return header
Distribution Flow Options	In-slab, 3/4" reverse-return header Wall manifold featuring the Uponor TruFLOW™ Classic
Supports	Acetal polymer support braces every 7' and pre-drilled holes for stake and anchor supports

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Custom RRM	Radiant Rollout Mat	1	Call for pricing



# Uponor Radiant Heating and Cooling Systems

Multi-layer Composite (MLC) tubing consists of interior aluminum tubing lined with inner and outer layers of PEX. MLC tubing offers 100% oxygen diffusion. The stay-in-place rigid feature of the tubing works great for hydronic baseboard, radiators, unit heaters, air handlers or manifold connections. Uponor MLC tubing is manufactured to the following standard: ASTM F1281 "Standard Specification for Cross-linked Polyethylene/Aluminum/Cross-linked Polyethylene (PEX-AL-PEX) Pressure Pipe".

Uponor MLC tubing is rated and listed by the Hydrostatic Stress Board of PPI at:

- 200°F at 100 psi
- 140°F at 160 psi
- 180°F at 125 psi
- 73°F at 200 psi

Uponor MLC tubing is listed by NSF International and the International Code Council (ICC).

Use MLC press tools and chamfering tools with MLC tubing. See pages 123-124 for a listing of tool options.

**Note:** MLC tubing is used in hydronic heating and cooling installations only. See pages 101-103 for a full listing of MLC press fittings.

## Multi-layer Composite (MLC) Tubing Coil



Part No.	Part Description	Coils/Pallet	List Price/Ea.
D1250500	1/2" MLC Tubing, 300-ft. coil	20	\$410.70
D1220500	1/2" MLC Tubing, 1,000-ft. coil	8	\$1,368.80
D1250625	5/8" MLC Tubing, 300-ft. coil	13	\$519.95
D1220625	5/8" MLC Tubing, 1,000-ft. coil	7	\$1,716.40
D1140750	3/4" MLC Tubing, 100-ft. coil	14	\$251.65
D1250750	3/4" MLC Tubing, 300-ft. coil	8	\$747.50
D1240750	3/4" MLC Tubing, 500-ft. coil	6	\$1,258.05
D1141000	1" MLC Tubing, 100-ft. coil	10	\$383.20
D1251000	1" MLC Tubing, 300-ft. coil	6	\$1,150.00

## Non-barrier Tubing

High-density polyethylene (HDPE) SDR 11 tubing is used as supply and return mains for large hydronic heating applications where the system contains no ferrous corrodible components or where ferrous corrodible components are isolated from the tubing. HDPE tubing is manufactured from PE 3408 material. Tubing and fittings are connected through fusion welding. Service pressure and temperature ratings for HDPE used to convey water or water/glycol mixtures are as follows:

- 140°F at 80 psi
- 100°F at 125 psi
- 120°F at 100 psi
- 73.4°F at 160 psi

**Note:** This tubing is provided only in 20-foot lengths. See pages 76-77 for a full listing of HDPE manifolds and fittings.

## High-density Polyethylene HDPE Tubing



Part No.	Part Description	List Price/Ea.
B1812000	2" x 20' HDPE Tubing (straight length)	\$118.40
B1813000	3" x 20' HDPE Tubing (straight length)	\$228.40
B1814000	4" x 20' HDPE Tubing (straight length)	\$375.80

# Uponor Radiant Heating and Cooling Systems

## Uponor AquaPEX Tubing Coil — White



Uponor AquaPEX tubing is used in hot and cold water distribution systems and AquaSAFE Residential Fire Safety Systems. Uponor AquaPEX tubing is suitable for use in hydronic heating applications where the system contains no ferrous corrodible components or where any ferrous components are isolated from the tubing. Uponor AquaPEX tubing coils and straight lengths come in red, white and blue for potable-water applications, and purple for water-reclamation applications.

Uponor AquaPEX tubing is manufactured and listed to ASTM F876 and F877 and CSA B137.5, certified to NSF Standards 14 and 61 and listed by the Hydrostatic Stress Board of PPI at 200°F at 80psi, 180°F at 100psi and 73.4°F at 160psi. Uponor AquaPEX tubing (up to 2") is also listed to UL 1821 and ULC/ORD C199P and carries an additional rating of 120°F at 130psi.

Uponor AquaPEX White tubing is marked with the PEX 5106 designation as required by the most recent edition of ASTM F876-10, indicating it exceeds ASTM F876 chlorine-resistance requirements for continuous-recirculation systems operating up to 140°F while also affording a 30-day UV-resistance level.

Uponor AquaPEX Red and Uponor AquaPEX Blue tubing is marked with the PEX 5206 designation as required by the most recent edition of ASTM F876-10, indicating it exceeds ASTM F876 chlorine-resistance requirements for continuous-recirculation systems operating up to 140°F while also affording a 90-day UV-resistance level.

Part No.	Part Description	Coils/Pallet	List Price/Ea.
F1040250	¼" Uponor AquaPEX White, 100-ft. coil	50	\$59.30
F1090375	⅜" Uponor AquaPEX White, 400-ft. coil	18	\$242.35
F1120375	⅜" Uponor AquaPEX White, 1,000-ft. coil	12	\$605.85
F1040500	½" Uponor AquaPEX White, 100-ft. coil	22	\$69.25
F1060500	½" Uponor AquaPEX White, 300-ft. coil	18	\$207.70
F1100500	½" Uponor AquaPEX White, 500-ft. coil	12	\$346.25
F1120500	½" Uponor AquaPEX White, 1,000-ft. coil	8	\$692.40
F1060625	⅝" Uponor AquaPEX White, 300-ft. coil	12	\$316.70
F1120625	⅝" Uponor AquaPEX White, 1,000-ft. coil	5	\$1,055.70
F1040750	¾" Uponor AquaPEX White, 100-ft. coil	22	\$118.75
F1060750	¾" Uponor AquaPEX White, 300-ft. coil	12	\$356.10
F1100750	¾" Uponor AquaPEX White, 500-ft. coil	8	\$593.50
F1041000	1" Uponor AquaPEX White, 100-ft. coil	12	\$211.80
F1061000	1" Uponor AquaPEX White, 300-ft. coil	5	\$635.50
F1101000	1" Uponor AquaPEX White, 500-ft. coil	6	\$1,059.20
F1061250	1¼" Uponor AquaPEX White, 100-ft. coil	7	\$433.85
F1021250	1¼" Uponor AquaPEX White, 300-ft. coil	2	\$1,301.35
F1061500	1½" Uponor AquaPEX White, 100-ft. coil	7	\$510.85
F1021500	1½" Uponor AquaPEX White, 300-ft. coil	2	\$1,532.50
F1062000	2" Uponor AquaPEX White, 100-ft. coil	5	\$1,010.85
F1052000	2" Uponor AquaPEX White, 200-ft. coil	3	\$2,021.70
F1022000	2" Uponor AquaPEX White, 300-ft. coil	2	\$3,032.55
F1063000	3" Uponor AquaPEX White, 100-ft. coil	1	\$1,392.15
F1023000	3" Uponor AquaPEX White, 350-ft. coil	1	\$4,872.50

**Note:** 3" Uponor AquaPEX tubing uses WIPEX fittings. See page 112 for a listing of WIPEX fittings.

# Uponor Radiant Heating and Cooling Systems

## Manifold Wall Cabinets

The recessed-style Manifold Wall Cabinet features a removable door-trim package and is adjustable to accommodate brass or Engineered Polymer (EP) manifolds mounted in either a 2x4 or 2x6 stud wall. Mount an Uponor Zone Control Module inside the cabinet for ease of wiring and protection from exposure or possible damage.

**Note:** When recessing the cabinet in a wall, add ½" to the height and width of the cabinet dimensions (shown in the Part Description) for easier installation. Note that the adjustable door frame will cover the additional space surrounding the cabinet.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2603524	Manifold Wall Cabinet, 35.5" H x 24" W x 3.5" D	1	\$472.20
A2603530	Manifold Wall Cabinet, 35.5" H x 30.5" W x 3.5" D	1	\$524.40
A2603539	Manifold Wall Cabinet, 35.5" H x 39" W x 3.5" D	1	\$565.00

Manifold Wall Cabinet



TruFLOW Classic and Jr. with Adapter Only <sup>1</sup>	A2603524	A2603530	A2603539
2 to 7 Loops	X		
8 to 10 Loops		X	
11 to 12 Loops			X
TruFLOW Classic and Jr. with Ball Valves <sup>2</sup>	A2603524	A2603530	A2603539
2 to 5 Loops	X		
6 to 8 Loops		X	
10 to 12 Loops			X

<sup>1</sup> When adding the adapter, the cabinets are designed to feature 1" of clearance around the entire manifold assembly for the maximum number of loops in each row of the table.

<sup>2</sup> When adding the adapter or ball valves (horizontally), the cabinets are designed to feature 1" of clearance around the entire manifold assembly for the maximum number of loops in each row of the table.

<sup>3</sup> When adding the adapter, EP elbow or ball valves (horizontally), the cabinets are designed to feature 1" of clearance around the entire manifold assembly for the maximum number of loops in each row of the table.

EP Heating Manifold <sup>1, 5</sup>	A2603524 A2603588	A2603530 A2603588	A2603539 A2603588
2 to 6 Loops	X		
8 to 10 Loops		X	
11 to 12 Loops			X
EP Heating Manifold with EP Elbow or TruFLOW Ball Valves <sup>3, 4, 5</sup>	A2603524 A2603588	A2603530 A2603588	A2603539 A2603588
2 to 4 Loops	X		
5 to 7 Loops		X	
8 to 12 Loops <sup>5</sup>			X

<sup>4</sup> TruFLOW Ball Valves (A2631250) cannot be used in conjunction with EP Manifolds inside Manifold Wall Cabinets.

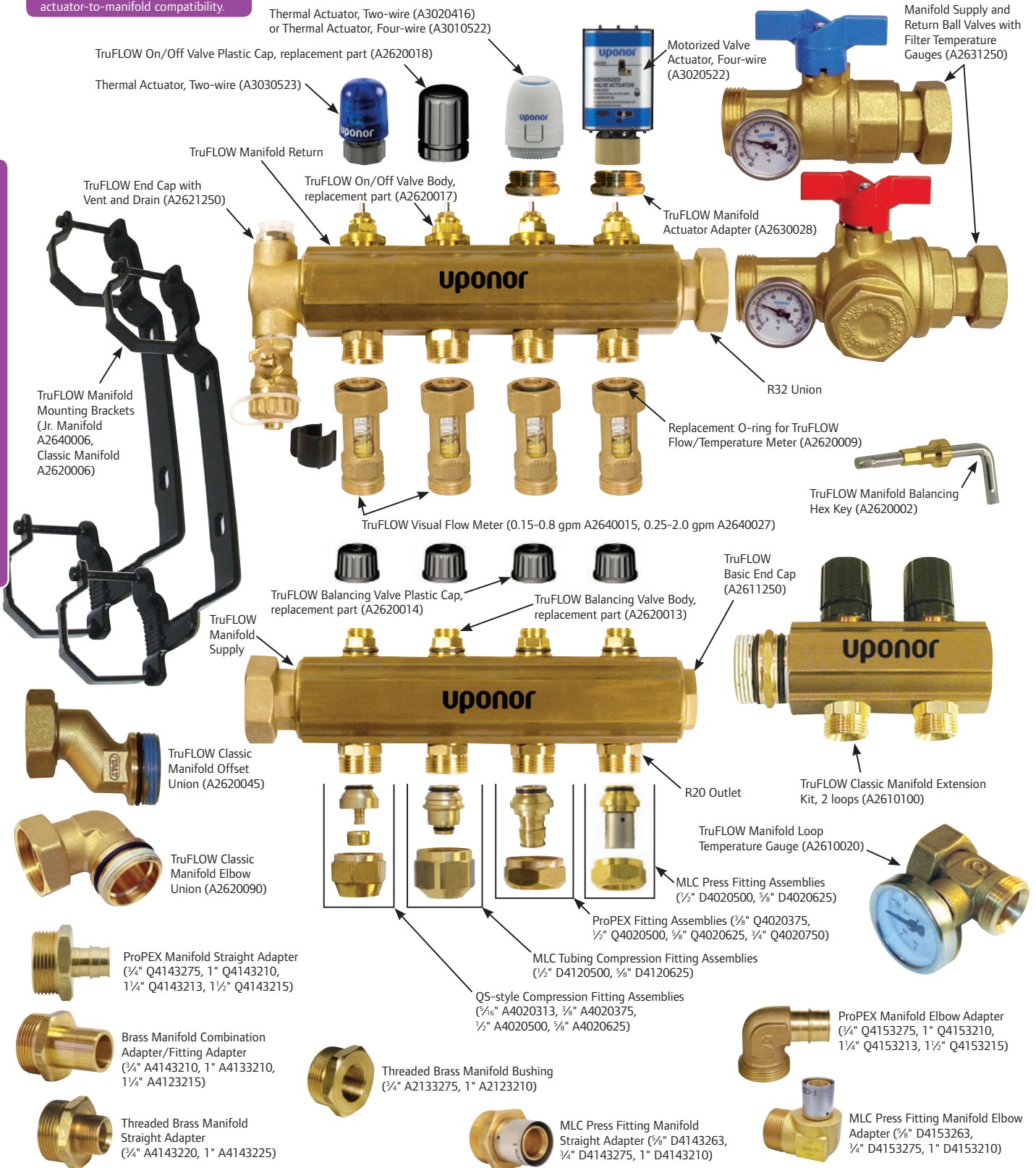
<sup>5</sup> When installing the EP Heating Manifold with 11 to 12 loops and adding the adapter, EP elbow or the ball valves (horizontally), note that the manifold assembly will have limited clearance inside the cabinet.

# Uponor Radiant Heating and Cooling Systems

## TruFLOW™ Classic and Jr. Heating Manifold Exploded View

**Note:** Refer to table on p. 86 for actuator-to-manifold compatibility.

Radiant Heating and Cooling Systems





# Uponor Radiant Heating and Cooling Systems

## TruFLOW Manifold Assemblies

The TruFLOW Jr. Assembly with Balancing Valves and Valveless manifold comes fully assembled and ready for installation. The manifold body (1" barrel diameter) ends have R32 unions and the loop outlets have R20 male threads. Maximum recommended flow to the manifold based on manifold body diameter is 14 gallons per minute (gpm).

Part No.	Part Description	Dimensions (Body-Outlets-Body)	Pkg. Qty.	List Price/Ea.
A2660200	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 2-loop	R32-R20-R32	1	\$282.35
A2660300	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 3-loop	R32-R20-R32	1	\$343.55
A2660400	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 4-loop	R32-R20-R32	1	\$408.70
A2660500	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 5-loop	R32-R20-R32	1	\$524.75
A2660600	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 6-loop	R32-R20-R32	1	\$585.95
A2660700	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 7-loop	R32-R20-R32	1	\$671.25
A2660800	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 8-loop	R32-R20-R32	1	\$712.35

**TruFLOW Jr. Assembly with Balancing Valves and Valveless**



The TruFLOW Assembly with Balancing and Isolation Valves manifold comes fully assembled and ready for installation. The manifold assembly is shipped with the appropriate number of TruFLOW Manifold Actuator Adapters (A2630028). Maximum recommended flow to the manifold is 14 gpm for Jr. (1" barrel diameter) and 21 gpm for Classic (1 1/4" barrel diameter).

Part No.	Part Description	Dim. (Body-Outlets)	Pkg. Qty.	List Price/Ea.
A2660201	TruFLOW Jr. Assembly, B&I, 2-loop	R32-R20	1	\$359.75
A2660301	TruFLOW Jr. Assembly, B&I, 3-loop	R32-R20	1	\$443.95
A2660401	TruFLOW Jr. Assembly, B&I, 4-loop	R32-R20	1	\$520.75
A2660501	TruFLOW Jr. Assembly, B&I, 5-loop	R32-R20	1	\$668.65
A2660601	TruFLOW Jr. Assembly, B&I, 6-loop	R32-R20	1	\$746.70
A2660701	TruFLOW Jr. Assembly, B&I, 7-loop	R32-R20	1	\$827.25
A2660801	TruFLOW Jr. Assembly, B&I, 8-loop	R32-R20	1	\$933.70
A2610200	TruFLOW Classic Assembly, B&I, 2-loop	R32-R20	1	\$404.25
A2610300	TruFLOW Classic Assembly, B&I, 3-loop	R32-R20	1	\$502.50
A2610400	TruFLOW Classic Assembly, B&I, 4-loop	R32-R20	1	\$600.75
A2610500	TruFLOW Classic Assembly, B&I, 5-loop	R32-R20	1	\$725.55
A2610600	TruFLOW Classic Assembly, B&I, 6-loop	R32-R20	1	\$823.95
A2610700	TruFLOW Classic Assembly, B&I, 7-loop	R32-R20	1	\$922.40
A2610800	TruFLOW Classic Assembly, B&I, 8-loop	R32-R20	1	\$1,058.45
A2611000	TruFLOW Classic Assembly, B&I, 10-loop	R32-R20	1	\$1,307.35
A2611200	TruFLOW Classic Assembly, B&I, 12-loop	R32-R20	1	\$1,494.40

**TruFLOW Jr. and Classic Assemblies with Balancing and Isolation Valves**





# Uponor Radiant Heating and Cooling Systems

## TruFLOW Jr. Modular Manifolds

### TruFLOW Jr. Supply Manifold with Balancing Valves



TruFLOW Jr. Modular Manifold with Balancing Valves is used in conjunction with either the TruFLOW Jr. Modular Manifold with Isolation Valves or the TruFLOW Jr. Modular Valveless Manifold to complete the manifold set. The TruFLOW Jr. Modular Manifold with Balancing Valves allows manual flow balancing of the individual loops on the manifold. Manifolds are available in 2- to 4-loop configurations depending on model. The manifold body (1" barrel diameter) ends have R32 threads as shown in the picture. Maximum recommended flow to the manifold is 14 gpm.

Part No.	Part Description	Dimensions (Body-Outlets-Body)	Pkg. Qty.	List Price/Ea.
A2663212	TruFLOW Jr. Manifold Balancing Valves, 2-loop	R32-R20-R32	1	\$127.90
A2663213	TruFLOW Jr. Manifold Balancing Valves, 3-loop	R32-R20-R32	1	\$155.40
A2663214	TruFLOW Jr. Manifold Balancing Valves, 4-loop	R32-R20-R32	1	\$185.90

### TruFLOW Jr. Return Manifold with Isolation Valves



TruFLOW Jr. Modular Manifold with Isolation Valves is used with either the TruFLOW Jr. Modular Manifold with Balancing Valves or the TruFLOW Jr. Modular Valveless Manifold to complete the manifold set. The TruFLOW Jr. Modular Manifold with Isolation Valves allows for manual isolation of the individual loops on the manifold. Manifolds are available in 2- to 4-loop configurations depending on model. The manifold body (1" barrel diameter) ends have R32 threads as shown in the picture. Maximum recommended flow to the manifold is 14 gpm.

Part No.	Part Description	Dimensions (Body-Outlets-Body)	Pkg. Qty.	List Price/Ea.
A2663222	TruFLOW Jr. Isolation Valves, 2-loop	R32-R20-R32	1	\$144.20
A2663223	TruFLOW Jr. Isolation Valves, 3-loop	R32-R20-R32	1	\$189.80
A2663224	TruFLOW Jr. Isolation Valves, 4-loop	R32-R20-R32	1	\$235.40

### TruFLOW Jr. Valveless Manifold



TruFLOW Jr. Modular Valveless Manifold is used with either the TruFLOW Jr. Modular Manifold with Isolation Valves or the TruFLOW Jr. Modular Manifold with Balancing Valves to complete the manifold set. The TruFLOW Jr. Modular Valveless Manifold does not feature flow balancing or isolation capability. Manifolds are available in 2- to 4-loop configurations depending on model. The manifold body (1" barrel diameter) ends have R32 threads as shown in the picture. Maximum recommended flow to the manifold is 14 gpm.

Part No.	Part Description	Dimensions (Body-Outlets-Body)	Pkg. Qty.	List Price/Ea.
A2663202	TruFLOW Jr. Valveless, 2-loop	R32-R20-R32	1	\$88.55
A2663203	TruFLOW Jr. Valveless, 3-loop	R32-R20-R32	1	\$109.50
A2663204	TruFLOW Jr. Valveless, 4-loop	R32-R20-R32	1	\$118.60

# Uponor Radiant Heating and Cooling Systems

## TruFLOW Manifold Accessories

TruFLOW Jr. and TruFLOW Classic Manifold Mounting Bracket is used to mount the TruFLOW Jr. and TruFLOW Classic Manifolds. Brackets are made of durable metal and are offset front-to-back and side-to-side for ease of installation. Two brackets are required for each manifold location.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2640006	TruFLOW Jr. Manifold Mounting Bracket, single bracket	10	\$27.90
A2620006	TruFLOW Classic Manifold Bracket, single bracket replacement part	10	\$45.80

**TruFLOW Manifold Mounting Bracket**



TruFLOW Support Bracket comes in a set of two and facilitates mounting of TruFLOW Jr. and TruFLOW Classic manifolds between wall studs. The brackets mount in four different configurations – with exposed studs, in a stud cavity, on a flat surface and vertically.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2072500	TruFLOW Support Bracket, set of 2	1	\$61.15

**TruFLOW Support Bracket**



End Cap with Vent caps the end of the TruFLOW Jr. Modular Manifolds. It comes complete with swivel drain valve and manual air vent.

**Note:** Required gasket (A2403232) is included.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2803250	End Cap with Vent, R32	1	\$83.50

**End Cap with Vent**



Basic End Cap caps the end of the TruFLOW Jr. Modular Manifolds. Required gaskets are included.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2080032	Basic End Cap, R32	10	\$18.40

**Basic End Cap**



Manifold Supply and Return Ball Valves are full-flow, 1 1/4" ball valves with R32 male by R32 union nut that fit directly on the TruFLOW Jr., Classic, and Engineered Polymer (EP) Manifolds.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2631250	Manifold Supply and Return Ball Valves with Filter and Temperature Gauges, set of 2	1	\$254.45
<b>NEW</b> A2631251	Manifold Supply and Return Ball Valves with Temperature Gauges, set of 2	1	\$200.50
<b>NEW</b> A2631252	Manifold Supply and Return Ball Valves, set of 2	1	\$107.80

**Manifold Supply and Return Ball Valves**



# Uponor Radiant Heating and Cooling Systems

## TruFLOW Manifold Coupling Nipple



TruFLOW Manifold Coupling Nipple features male BSP thread on both ends and is used to make the connection between manifold parts. Primary seal for the connection is made with the attached o-ring on the nipple. Thread sealant on the nipple ensures tight bonding between the nipple and the manifold. Use silicone lubricant on the male threads to ease installation.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2621010	TruFLOW Manifold Coupling Nipple, 1/4" BSP x 1/4" BSP	10	\$21.30

## TruFLOW Classic Manifold Elbow Union



The TruFLOW Classic Manifold Elbow Union features an R32 union by 1/4" BSP male connection. It is designed to make tight, 90-degree turns from the TruFLOW Classic Manifold supply and return connections. Use silicone lubricant on the male threads to ease installation.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2620090	TruFLOW Classic Manifold Elbow Union, R32 Union x 1/4" BSP	10	\$26.50

## TruFLOW Classic Manifold Offset Union



The TruFLOW Classic Manifold Offset Union features an R32 union by 1/4" BSP male connection. It is designed for easy alignment of the supply and return piping at the manifold. Use silicone lubricant on the male threads to ease installation.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2620045	TruFLOW Classic Manifold Offset Union, R32 Union x 1/4" BSP	10	\$28.40

## TruFLOW Classic Manifold Extension Kit



The TruFLOW Classic Manifold Extension Kit is designed for easy in-line extension of up to two additional loops for the TruFLOW Classic Manifold Assembly. The kit contains two 1/4" BSP nipples, one supply manifold, one return manifold and two loop end caps. Use silicone lubricant on the male threads to ease installation.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2610100	TruFLOW Classic Manifold Extension Kit, 2 loops	1	\$357.70

## TruFLOW Manifold Actuator Adapter



The TruFLOW Manifold Actuator Adapter is a replacement part. This M28 brass adapter converts the manifold actuator threads to fit the Uponor Thermal Actuator (A3010522 or A3020416) and Motorized Valve Actuator (A3020522). This is included with the TruFLOW Jr. and TruFLOW Classic Manifolds.

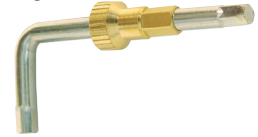
**Note:** Use only with the TruFLOW Jr. and Classic Manifolds.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2630028	TruFLOW Manifold Actuator Adapter, replacement part	10	\$2.40

# Uponor Radiant Heating and Cooling Systems

The TruFLOW Manifold Balancing Hex Key is used on the supply manifold to adjust the flow rate across the loop for balancing. Each manifold is shipped with a hex key for balancing.

## TruFLOW Manifold Balancing Hex Key



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2620002	TruFLOW Manifold Balancing Hex Key, replacement part	10	\$5.15

Use the TruFLOW Visual Flow Meter on TruFLOW Jr. and TruFLOW Classic manifolds to accurately measure the flow of hydronic radiant loops.

## TruFLOW Visual Flow Meter



**Note:** For proper operation, install flow meters on the return manifold.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2640015	TruFLOW Visual Flow Meter, 0.15 to 0.8 gpm	10	\$40.15
A2640027	TruFLOW Visual Flow Meter, 0.25 to 2.0 gpm	10	\$40.15
A2620009	Replacement O-ring for TruFLOW Flow/Temperature Meter	10	\$0.50

TruFLOW Manifold Loop Temperature Gauge comes with a QS20 female union on one end and a QS20 male on the other. Temperature Gauge with Well and removable temperature gauge are included.

## TruFLOW Manifold Loop Temperature Gauge



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2610020	TruFLOW Manifold Loop Temperature Gauge	10	\$44.35
A2610120	Temperature Gauge with Well, replacement part	10	\$28.05

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2650004	Replacement O-ring for 1½" BSP Connections	10	\$0.35
A2620005	Replacement Gasket for R32 Union Connections	10	\$1.20
A2620008	Replacement O-ring for 1¼" BSP Connections	10	\$0.50
A2620009	Replacement O-ring for TruFLOW Flow/Temperature Meter	10	\$0.50
A2400020	Brass Manifold Loop End Cap Gasket, spare part	10	\$2.95
A2403232	Manifold Gasket, spare part	10	\$2.65

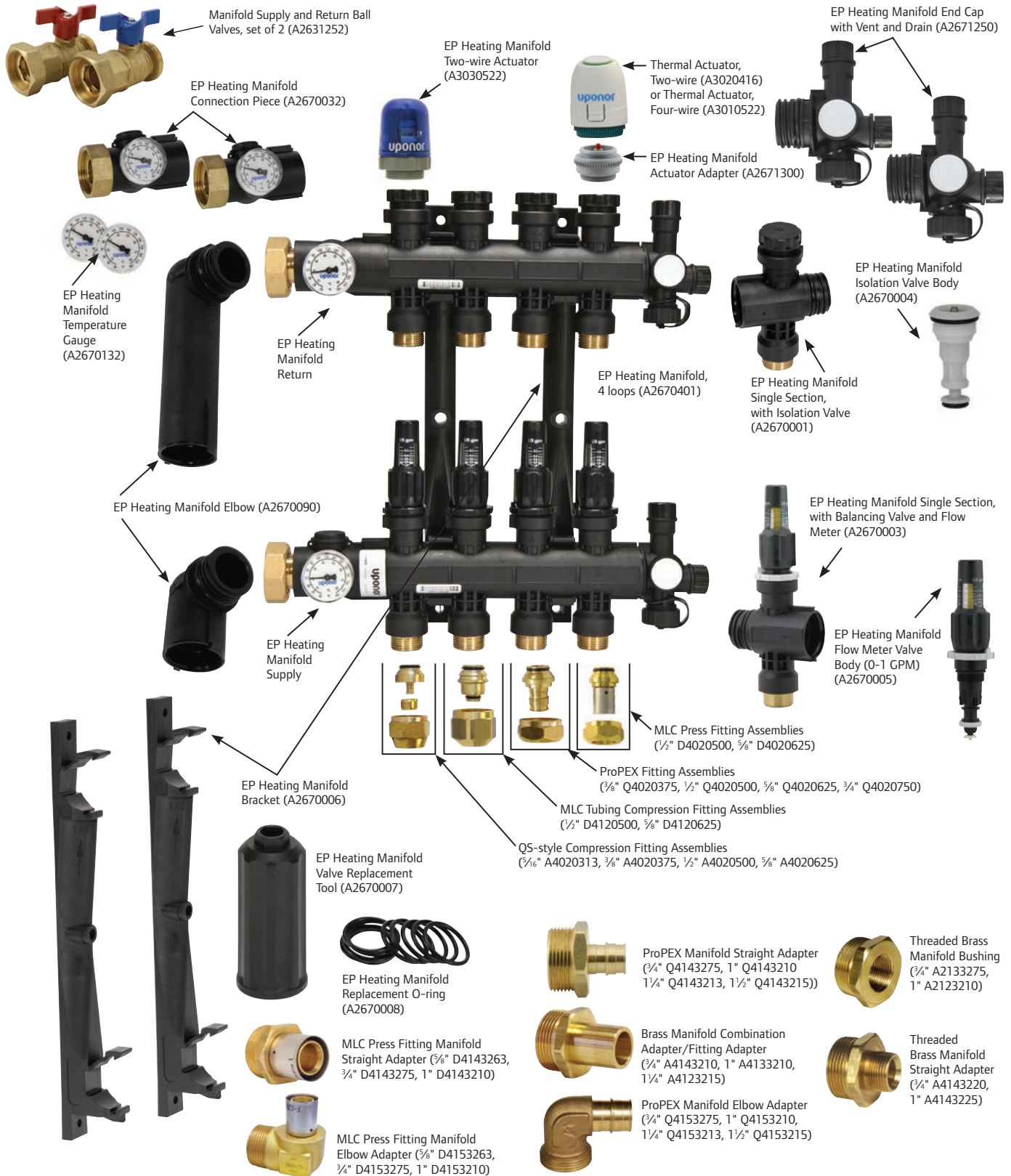
## Replacement and Spare Parts for Manifolds



◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final. See the alphanumeric on pages 131-154 for a listing of alternative part numbers.

# Uponor Radiant Heating and Cooling Systems

## Engineered Polymer (EP) Heating Manifold Exploded View





# Uponor Radiant Heating and Cooling Systems

## EP Heating Manifold

The EP Heating Manifold Assemblies feature isolation valves and balancing valves with flow meters, and come fully assembled, ready for installation. The manifolds are available in 2- through 8-loop configurations with a maximum flow of 15.4 gpm. The body ends feature R32 unions and the loop outlets have R20 male threads. The manifold mounts on a bracket (A2670006) that comes with the assembly.

### Pressure and Temperature Rating

- 87 psi at 140°F
- 58 psi at 176°F
- 72 psi at 158°F
- 44 psi at 194°F

**Note:** If using glycol, use only propylene glycol. Do not use ethylene glycol.

**Note:** When mounting EP Heating Manifolds in a cabinet, use EP Heating Manifold Wall Cabinet Bracket Kit (A2603588).

Part No.	Part Description	Dimensions (Body-Outlets-Body)	Pkg. Qty.	List Price/Ea.
A2670201	EP Heating Manifold Assembly with Flow Meter, 2-loop	R32-R20-R32	1	\$325.30
A2670301	EP Heating Manifold Assembly with Flow Meter, 3-loop	R32-R20-R32	1	\$377.70
A2670401	EP Heating Manifold Assembly with Flow Meter, 4-loop	R32-R20-R32	1	\$445.20
A2670501	EP Heating Manifold Assembly with Flow Meter, 5-loop	R32-R20-R32	1	\$512.35
A2670601	EP Heating Manifold Assembly with Flow Meter, 6-loop	R32-R20-R32	1	\$579.75
A2670701	EP Heating Manifold Assembly with Flow Meter, 7-loop	R32-R20-R32	1	\$630.20
A2670801	EP Heating Manifold Assembly with Flow Meter, 8-loop	R32-R20-R32	1	\$714.30

### EP Heating Manifold Assembly with Flow Meter



## EP Heating Manifold Accessories

Manifold Supply and Return Ball Valves are full-flow, 1¼" ball valves with R32 male by R32 union nut that fit directly on the TruFLOW Jr., Classic, and Engineered Polymer (EP) Manifolds.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2631250	Manifold Supply and Return Ball Valves with Filter and Temperature Gauges, set of 2	1	\$254.45
A2631251	Manifold Supply and Return Ball Valves with Temperature Gauges, set of 2	1	\$200.50
A2631252	Manifold Supply and Return Ball Valves, set of 2	1	\$107.80

**NEW**

**NEW**

### Manifold Supply and Return Ball Valves



# Uponor Radiant Heating and Cooling Systems

## EP Heating Manifold Single Section with Isolation Valve



The EP Heating Manifold Single Section with Isolation Valve is a single loop add-on used on the return side for EP Heating Manifold Assemblies (A2670201 through A2670801).

Part No.	Part Description	Dimensions (Body-Outlets-Body)	Pkg. Qty.	List Price/Ea.
A2670001	EP Heating Manifold Single Section with Isolation Valve	R32-R20-R32	1	\$36.30

## EP Heating Manifold Single Section with Balancing Valve and Flow Meter



The EP Heating Manifold Single Section with Balancing Valve and Flow Meter (0-1 GPM) is a single loop add-on used on the supply side for EP Heating Manifold Assemblies (A2670201 through A2670801).

Part No.	Part Description	Dimensions (Body-Outlets-Body)	Pkg. Qty.	List Price/Ea.
A2670003	EP Heating Manifold Single Section with Balancing Valve and Flow Meter	R32-R20-R32	1	\$50.60

## EP Heating Manifold Connection Piece



The EP Heating Manifold Connection Piece connects the manifold to the supply and return piping. Connection fitting size is an R32 union.

Part No.	Part Description	Dimensions (Body-Outlets-Body)	Pkg. Qty.	List Price/Ea.
A2670032	EP Heating Manifold Connection Piece with R32 Union and Temperature Gauge	R32	1	\$123.75

## EP Heating Manifold Elbow



The EP Heating Manifold Elbow enables connections to supply and return piping from above or below. The two elbows feature different lengths to accommodate tube spacing for the supply and return lines.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2670090	EP Heating Manifold Elbow, set of 2	1	\$37.70

## End Cap with Vent and Drain



The End Cap with Vent and Drain allows filling and purging at the manifold.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2671250	EP Heating Manifold End Cap with Vent and Drain	1	\$45.65

## EP Heating Manifold Mounting Bracket



The EP Heating Manifold Mounting Bracket mounts the manifold assembly to a wall.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2670006	EP Heating Manifold Mounting Bracket, set of 2	1	\$23.50

# Uponor Radiant Heating and Cooling Systems

The EP Heating Manifold Wall Cabinet Bracket Kit enables mounting the EP Heating Manifold in a Manifold Wall Cabinet.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2603588	EP Heating Manifold Wall Cabinet Bracket Kit, set of 2	1	\$44.55

## EP Heating Manifold Wall Cabinet Bracket Kit



The EP Heating Manifold Actuator Adapter connects the Four-wire Thermal Actuator (A3010522) and the Two-wire Thermal Actuator (A3020416) onto the EP Heating Manifold.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2671300	EP Heating Manifold Actuator Adapter	10	\$5.85

## EP Heating Manifold Actuator Adapter



The EP Heating Manifold Isolation Valve Body replaces the isolation valve on the return manifold.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2670004	EP Heating Manifold Isolation Valve Body, replacement part	1	\$20.20

## EP Heating Manifold Isolation Valve Body



The EP Heating Manifold Flow Meter Valve Body (0-1 GPM) replaces the flow meter valve on the supply manifold.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2670005	EP Heating Manifold Flow Meter Valve Body, replacement part	1	\$24.20

## EP Heating Manifold Flow Meter Valve Body



The EP Heating Manifold Temperature Gauge displays the supply and return temperature on the manifold. It snaps into the Connection Piece (A2670032) on the manifold.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2670132	EP Heating Manifold Temperature Gauge, set of 2	1	\$30.90

## EP Heating Manifold Temperature Gauge



Use the EP Heating Manifold Valve Replacement Tool when replacing the Isolation Valve Body (A2670004) and Flow Meter Valve Body (A2670005).

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2670007	EP Heating Manifold Valve Replacement Tool	1	\$15.40

## EP Heating Manifold Valve Replacement Tool



The Replacement O-ring allows a proper seal between body parts on the manifold.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2670008	EP Heating Manifold Replacement O-ring 28.5 x 3mm EPDM	10	\$1.45

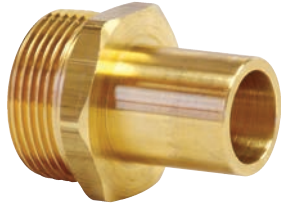
## EP Heating Manifold Replacement O-ring



# Uponor Radiant Heating and Cooling Systems

## Manifold Adapters and Fittings

### Brass Manifold Combination Adapter/Fitting Adapter



The Brass Manifold Adapter allows either a straight copper pipe or a copper fitting adapter to sweat to the brass manifold adapter. The R32 threaded side couples with the R32 union connection on the brass manifolds.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A4143210	Brass Manifold Adapter, R32 x 3/4" Adapter or 1" Fitting Adapter	10	\$26.40
A4133210	Brass Manifold Adapter, R32 x 1" Adapter or 1 1/4" Fitting Adapter	10	\$22.15
<b>NEW</b> A4123215	Brass Manifold Adapter, R32 to 1 1/4" Adapter or 1 1/2" Fitting Adapter	10	\$40.00

### Threaded Brass Manifold Adapter and Bushing



Threaded Brass Manifold Adapter transitions the R32 manifold union nut to PEX or MLC tubing with QS-style fittings.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A4143220	Threaded Brass Manifold Straight Adapter, R32 Male x R20 Male	10	\$26.10
A4143225	Threaded Brass Manifold Straight Adapter, R32 Male x R25 Male	10	\$26.90
A2133275	Threaded Brass Manifold Bushing, R32 Male x 3/4" Female NPT	10	\$21.45
A2123210	Threaded Brass Manifold Bushing, R32 Male x 1" Female NPT	10	\$17.50

### ProPEX Manifold Adapter



ProPEX Manifold Adapter for brass manifolds transitions from the R32 manifold union nut to 3/4" through 1 1/2" Uponor PEX tubing.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4143275	ProPEX Manifold Straight Adapter, R32 x 3/4" ProPEX	10	\$33.70
Q4143210	ProPEX Manifold Straight Adapter, R32 x 1" ProPEX	10	\$30.00
<b>NEW</b> Q4143213	ProPEX Manifold Straight Adapter, R32 x 1 1/4" ProPEX	10	\$35.00
<b>NEW</b> Q4143215	ProPEX Manifold Straight Adapter, R32 x 1 1/2" ProPEX	10	\$37.00
Q4153275	ProPEX Manifold Elbow Adapter, R32 x 3/4" ProPEX	10	\$42.25
Q4153210	ProPEX Manifold Elbow Adapter, R32 x 1" ProPEX	10	\$41.75
<b>NEW</b> Q4153213	ProPEX Manifold Elbow Adapter, R32 x 1 1/4" ProPEX	10	\$50.00
<b>NEW</b> Q4153215	ProPEX Manifold Elbow Adapter, R32 x 1 1/2" ProPEX	10	\$52.00

### Brass Manifold Pressure Test Kit



Brass Manifold Pressure Test Kit contains R32 x 3/4" manifold bushing, R32 solid brass plug, 3/4" brass nipple and pressure gauge assembly (100 psi). Schraeder valve is included.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
E6122000	Brass Manifold Pressure Test Kit	1	\$82.75

### Brass Manifold Loop End Cap



Brass Manifold Loop End Cap closes off unused R20 manifold loop connections. Install the supplied Brass Manifold Loop End Cap Gasket (A2400020) with the Loop End Cap to ensure a proper seal.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2080020	Brass Manifold Loop End Cap, R20	10	\$9.00
A2400020	Brass Manifold Loop End Cap Gasket, spare part	10	\$2.95

# Uponor Radiant Heating and Cooling Systems

The QS-style Compression Fitting Assembly with O-ring connects  $\frac{5}{16}$ ",  $\frac{3}{8}$ ",  $\frac{1}{2}$ " and  $\frac{5}{8}$ " Uponor PEX tubing to Uponor brass and EP Heating Manifolds and R20 fittings. Sold as a three-piece assembly. The QS-style compression rings and o-rings are also sold separately.

## QS-style Compression Fitting Assembly



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A4020313	$\frac{5}{16}$ " QS-style Compression Fitting Assembly, R20 thread	10	\$15.05
A4020375	$\frac{3}{8}$ " QS-style Compression Fitting Assembly, R20 thread	10	\$14.40
A4020500	$\frac{1}{2}$ " QS-style Compression Fitting Assembly, R20 thread	10	\$11.60
A4020625	$\frac{5}{8}$ " QS-style Compression Fitting Assembly, R20 thread	10	\$14.10
A4021116	Replacement O-ring for insert (R20)	10	\$0.35

The QS-style Compression Fitting Assembly with O-ring connects  $\frac{5}{8}$ " and  $\frac{3}{4}$ " Uponor PEX tubing to 2" Copper Valved Manifolds and other R25 male-threaded fittings.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A4030625	$\frac{5}{8}$ " QS-style Compression Fitting Assembly, R25 thread	10	\$17.35
A4020750	$\frac{3}{4}$ " QS-style Compression Fitting Assembly, R25 thread	10	\$20.50
A4021000	Replacement O-ring for insert (R25)	10	\$0.45

The QS-style Compression Ring (replacement part) is designed and tested for use with Uponor PEX tubing.

**Note:** Do not substitute similar compression rings.

## QS-style Compression Ring



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A4160313	$\frac{5}{16}$ " QS-style Compression Ring, spare part	10	\$3.55
A4160375	$\frac{3}{8}$ " QS-style Compression Ring, spare part	10	\$3.35
A4160500	$\frac{1}{2}$ " QS-style Compression Ring, spare part	10	\$3.10
A4160625	$\frac{5}{8}$ " QS-style Compression Ring, spare part	10	\$3.35
A4160750	$\frac{3}{4}$ " QS-style Compression Ring, spare part	10	\$4.15

ProPEX Fitting Assembly with ProPEX insert connects  $\frac{3}{8}$ " through  $\frac{3}{4}$ " Uponor PEX tubing to brass and EP Heating Manifolds. Sold as a two-piece assembly, it includes a ProPEX insert and R20 swivel nut.

## ProPEX Fitting Assembly



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4020375	$\frac{3}{8}$ " ProPEX Fitting Assembly, R20 Thread	10	\$10.80
Q4020500	$\frac{1}{2}$ " ProPEX Fitting Assembly, R20 Thread	10	\$9.05
Q4020625	$\frac{5}{8}$ " ProPEX Fitting Assembly, R20 Thread	10	\$10.90
Q4020750	$\frac{3}{4}$ " ProPEX Fitting Assembly, R20 Thread	10	\$17.85

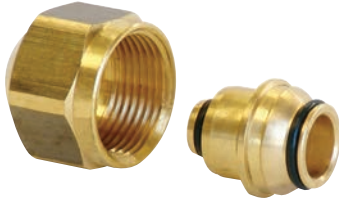
ProPEX Fitting Assembly with ProPEX insert connects  $\frac{5}{8}$ " and  $\frac{3}{4}$ " Uponor PEX tubing to other R25 male threaded fittings. Sold as a two-piece assembly, it includes a ProPEX insert and R25 swivel nut.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4030625	$\frac{5}{8}$ " ProPEX Fitting Assembly, R25 thread	10	\$16.50
Q4030750	$\frac{3}{4}$ " ProPEX Fitting Assembly, R25 Thread	10	\$24.15



# Uponor Radiant Heating and Cooling Systems

## MLC Tubing Compression Fitting Assembly



MLC Tubing Compression Fitting Assembly, made of heat-treated brass, connects 1/2" and 5/8" MLC tubing to brass and EP Heating Manifolds. MLC Tubing Compression Fitting Assembly, made of heat-treated brass, connects 1/2" and 5/8" MLC tubing to brass manifolds.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
D4120500	1/2" MLC Tubing Compression Fitting Assembly, R20 thread	10	\$21.00
D4120625	5/8" MLC Tubing Compression Fitting Assembly, R20 thread	10	\$36.35

The MLC Tubing Compression Fitting Assembly with O-ring connects 3/4" Uponor MLC tubing to other R25 male-threaded fittings.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
D4120750	3/4" MLC Tubing Compression Fitting Assembly, R25 thread	10	\$35.15

## MLC Press Fitting Assembly



MLC Press Fitting Assembly connects 1/2" and 5/8" MLC tubing to R20 manifold connections and fittings.

**Note:** The Mini-Press Battery Tool or MLC Press Fitting Manual Tool is required.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
D4020500	1/2" MLC Press Fitting Assembly, R20 thread	10	\$18.95
D4020625	5/8" MLC Press Fitting Assembly, R20 thread	10	\$25.35

MLC Press Fitting Assembly connects 5/8" and 3/4" MLC tubing to other R25 male-threaded fittings.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
D4030625	5/8" MLC Press Fitting Assembly, R25 thread	10	\$21.20
D4030750	3/4" MLC Press Fitting Assembly, R25 thread	10	\$22.45

# Uponor Radiant Heating and Cooling Systems

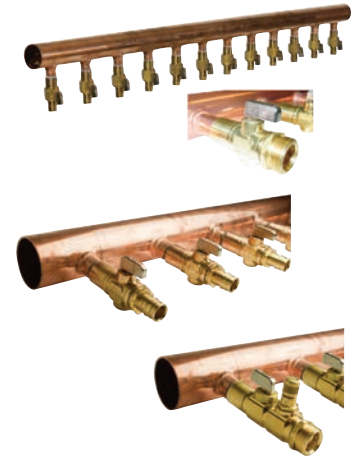
## Copper Manifolds

The Uponor 2" x 4' Copper Valved Manifold with ProPEX Ball Valves is made of type L copper and features 5/8" and 3/4" nominal branches that are 4" on center. The manifold is available in 12-outlet configurations. The maximum recommended flow to the manifold based on manifold body diameter is 45 gpm.

**Note:** ProPEX Tool is required. ProPEX Rings must be purchased separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q2811263	2" x 4' Copper Valved Manifold with 5/8" ProPEX Ball Valves, 12 outlets	1	\$1,075.25
Q2811275	2" x 4' Copper Valved Manifold with 3/4" ProPEX Ball Valves, 12 outlets	1	\$1,114.55
Q2821263	2" x 4' Copper Valved Manifold with 5/8" ProPEX Ball and Balancing Valves, 12 outlets	1	\$1,601.65
Q2821275	2" x 4' Copper Valved Manifold with 3/4" ProPEX Ball and Balancing Valves, 12 outlets	1	\$1,373.50
F2811220	2" x 4' Copper Valved Manifold with R20 Threaded Ball Valves, 12 outlets	1	\$930.15
F2811225	2" x 4' Copper Valved Manifold with R25 Threaded Ball Valves, 12 outlets	1	\$965.90
F2821220	2" x 4' Copper Valved Manifold with R20 Threaded Ball and Balancing Valves, 12 outlets	1	\$1,596.60
F2821225	2" x 4' Copper Valved Manifold with R25 Threaded Ball and Balancing Valves, 12 outlets	1	\$1,370.65

### 2" Copper Valved Manifold with ProPEX Ball Valves



The Uponor 2" x 4' Copper Valveless Manifold (type L copper) features either 5/8" or 3/4" branches, comes 4" on center, and is available in 12-outlet configurations.

**Note:** ProPEX Tool is required. ProPEX Rings must be purchased separately. Special order only; allow 4 weeks for delivery.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q2831263	2" x 4' Copper Valveless Manifold with 5/8" ProPEX, 12 outlets	1	\$704.95
Q2831275	2" x 4' Copper Valveless Manifold with 3/4" ProPEX, 12 outlets	1	\$704.95

### 2" Copper Valveless Manifold with ProPEX Connection



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q5806375	ProPEX Ball Valve, 5/8" PEX x 3/4" Copper Adapter	10	\$31.65
Q5807575	ProPEX Ball Valve, 3/4" PEX x 3/4" Copper Adapter	10	\$33.75
Q5906375	ProPEX Ball and Balancing Valve, 5/8" PEX x 3/4" Copper Adapter	10	\$60.35
Q5907575	ProPEX Ball and Balancing Valve, 3/4" PEX x 3/4" Copper Adapter	10	\$63.00
A5802075	Ball Valve, R20 Thread x 3/4" Copper Adapter	10	\$34.85
A5802575	Ball Valve, R25 Thread x 3/4" Copper Adapter	10	\$36.95
A5902075	Ball and Balancing Valve, R20 Thread x 3/4" Copper Adapter	10	\$61.95
A5902575	Ball and Balancing Valve, R25 Thread x 3/4" Copper Adapter	10	\$67.05
A2402000	2" Copper End Cap Spun End with Drain and Vent Connections	1	\$143.35

### Copper Valved Manifold Accessories



# Uponor Radiant Heating and Cooling Systems

## HDPE Tubing Manifolds and Fittings

### High-density Polyethylene (HDPE) Tubing



High-density polyethylene (HDPE) SDR 11 tubing is used as supply and return mains for large hydronic heating applications where the system contains no ferrous corrodible components or where ferrous corrodible components are isolated from the tubing. HDPE tubing is manufactured from PE 3408 material. Tubing and fittings are connected through fusion welding. Service pressure and temperature ratings for HDPE used to convey water or water/glycol mixtures are as follows.

- 140°F at 80 psi
- 100°F at 125 psi
- 120°F at 100 psi
- 73.4°F at 160 psi

**Note:** This tubing is provided only in 20-foot lengths.

Part No.	Part Description	List Price/Ea.
B1812000	2" x 20' HDPE Tubing (straight length)	\$118.40
B1813000	3" x 20' HDPE Tubing (straight length)	\$228.40
B1814000	4" x 20' HDPE Tubing (straight length)	\$375.80

### HDPE Valveless Manifold



Multiple-outlet HDPE Valveless Manifolds are manufactured with 3/4" or 1" 303 stainless-steel ProPEX fittings hydraulically pressed onto the outlet nipples. ProPEX connection and manifold are maintenance-free and suitable for direct burial. They are ideal for applications larger than 5,000 square feet or where flow requirements are greater than the capacity of other Uponor manifolds. The HDPE Valveless Manifolds come with standard 12", on-center outlet spacing. The maximum recommended flow rates for these manifolds are: 2", 41 gpm; 3", 116 gpm; 4", 226 gpm. The HDPE Manifold and Accessories are made of SDR 11 tubing and PE 3408 material and can be used together with the Ecoflex® Potable HDPE products.

**Note:** ProPEX Tool is required. Only use in systems free of corrodible components or when there is corrosion control. The temperature limitation is 140°F at 80 psi. HDPE Manifolds are made-to-order. Allow 5 weeks for delivery. Call Uponor Customer Service at 888.594.7726 for availability and pricing.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
B2252751	2" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 3/4" ProPEX	1	Call for pricing
B2272101	2" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 1" ProPEX	1	Call for pricing
B2252752	2" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 3/4" ProPEX	1	Call for pricing
B2272102	2" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 1" ProPEX	1	Call for pricing
B2253751	3" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 3/4" ProPEX	1	Call for pricing
B2273101	3" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 1" ProPEX	1	Call for pricing
B2253752	3" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 3/4" ProPEX	1	Call for pricing
B2273102	3" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 1" ProPEX	1	Call for pricing
B2254751	4" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 3/4" ProPEX	1	Call for pricing
B2274101	4" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 1" ProPEX	1	Call for pricing
B2254752	4" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 3/4" ProPEX	1	Call for pricing
B2274102	4" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 1" ProPEX	1	Call for pricing

# Uponor Radiant Heating and Cooling Systems

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
B2162000	HDPE 90-degree Elbow, 2" HDPE x 2" HDPE	1	\$50.00
B2163000	HDPE 90-degree Elbow, 3" HDPE x 3" HDPE	1	\$91.95
B2164000	HDPE 90-degree Elbow, 4" HDPE x 4" HDPE	1	\$135.65
B2192500	HDPE 45-degree Elbow, 2" HDPE x 2" HDPE	1	\$47.40
B2193500	HDPE 45-degree Elbow, 3" HDPE x 3" HDPE	1	\$90.90
B2194500	HDPE 45-degree Elbow, 4" HDPE x 4" HDPE	1	\$134.50

## HDPE Elbow



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
B2172000	HDPE Tee, 2" HDPE x 2" HDPE x 2" HDPE	1	\$59.20
B2173000	HDPE Tee, 3" HDPE x 3" HDPE x 3" HDPE	1	\$100.25
B2174000	HDPE Tee, 4" HDPE x 4" HDPE x 4" HDPE	1	\$147.25

## HDPE Tee



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
B2182000	2" HDPE Flange Adapter	1	\$85.95
B2183000	3" HDPE Flange Adapter	1	\$112.40
B2184000	4" HDPE Flange Adapter	1	\$126.15

## HDPE Flange Adapter



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
B2192000	2" HDPE Flange Backup Ring	1	\$71.35
B2193000	3" HDPE Flange Backup Ring	1	\$69.60
B2194000	4" HDPE Flange Backup Ring	1	\$77.80

## HDPE Flange Backup Ring



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
B2202000	HDPE End Cap, 2" HDPE	1	\$23.70
B2203000	HDPE End Cap, 3" HDPE	1	\$51.55
B2204000	HDPE End Cap, 4" HDPE	1	\$79.65

## HDPE End Cap



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
B2223020	HDPE Reducing Coupling, 3" HDPE x 2" HDPE	1	\$55.25
B2224020	HDPE Reducing Coupling, 4" HDPE x 2" HDPE	1	\$83.75
B2224030	HDPE Reducing Coupling, 4" HDPE x 3" HDPE	1	\$84.45

## HDPE Reducing Coupling



# Uponor Radiant Heating and Cooling Systems

## Climate Cöntrol™ Multifunction Controller

### Climate Cöntrol™ Multifunction Hydronic Controller



The Climate Cöntrol™ Multifunction Hydronic Controller is designed to simplify installations. This control incorporates all mechanical functions required in radiant floor heating, boiler staging, domestic hot water (DHW), snow melt, zone pumping and supply water temperature mixing. Input connections use a simple push-style connector and outputs use Cat5 cables and connector to control the output devices. Use the simple five-button display to set up and activate the functionality required for the individual installation. A data stick is included to save the setup configuration.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A8020000	Climate Cöntrol Multifunction Hydronic Controller	1	\$1,555.70

### Boiler Relay



The Climate Cöntrol Multifunction unit controls and stages up to four boilers. Use the Boiler Relay to mount on or near the boiler. Connect to the Climate Cöntrol Multifunction Controller using a standard Cat5 cable with RJ45 ends.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A9012010	Boiler Relay, On-Off	1	\$105.90

### Three-way Modulating Valve



The Climate Cöntrol Multifunction Controller provides mixing control of any Three-way Modulating Valves (0-10VDC) with up to three different water temperatures in either radiant heating or snow-melting applications. Connect to the Climate Cöntrol Multifunction Controller using a standard Cat5 cable with RJ45 ends. Uponor offers three-way valves with the valve control pre-wired and mounted to the motor. Package includes valve, motor, relay and sensor.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A9013021	3/4" Three-way Modulating Valve with Control, 0-10v (Cv = 4.7)	1	\$878.00
A9013022	1" Three-way Modulating Valve with Control, 0-10v (Cv = 10)	1	\$931.75
A9013023	1 1/4" Three-way Modulating Valve with Control, 0-10v (Cv = 19)	1	\$1,072.55
A9013024	1 1/2" Three-way Modulating Valve with Control, 0-10v (Cv = 29)	1	\$1,383.10
A9013026*	2" Three-way Modulating Valve without Control, 0-10v (Cv = 46)	1	\$1,542.40
A9013098	Replacement Powerhead only for 3/4" and 1" valves, replacement part	1	\$419.35
A9013099	Replacement Powerhead only for 1 1/4" and 1 1/2" valves, replacement part	1	\$720.10
A9063020	Modulating Valve Control, 0-10v	1	\$113.70

\*Requires Modulating Valve control, 0-10v (A9063020)

### Pump Relay



The Climate Cöntrol Multifunction unit controls any pump or circulator up to 3A for primary, domestic, snow melt, secondary or zone pump operation. Mount the Pump Relay on or near the pump. Connect to the Climate Cöntrol Multifunction Controller using a standard Cat5 cable with RJ45 ends.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A9013030	Pump Relay, On-Off	1	\$160.70
A9013040	Network Variable Speed Pump Control, Modulating 0-10VDC	1	\$83.15

Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final. See the alphanumeric on pages 131-154 for a listing of alternative part numbers.



# Uponor Radiant Heating and Cooling Systems

The Climate Cöntrol Multifunction unit supports snow-melt operation for up to two zones through the use of the Uponor Snow-melt Control, which wires to the main control panel using a Cat5 cable and RJ45 ends for simple and easy connections. The Multifunction Controller will support both semi-automatic and automatic snow and ice melting (or a combination of both). The Snow-melt Control with Slab Sensor, 60-ft. lead (A9013061) is a minimum requirement for each snow melt zone. Use the Snow-melt Rough-in Kit (A9013060) and the Automatic Snow and Ice Sensor Assembly, 60-ft. lead (A9013062) for full automatic operation.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A9013053	Snow-melt Slab Sensor (60 ft.), replacement part	1	\$129.75
A9013060	Snow-melt Rough-in Kit	1	\$272.80
◀ A9013061	Snow-melt Control with Slab Sensor, 60-ft. lead	1	\$278.50
◀ A9013062	Automatic Snow and Ice Sensor Assembly, 60-ft. lead	1	\$2,622.70
A9013064	Snow-melt Sensor Well, replacement part	1	\$168.20
◀ A9013065	Snow-melt Control Only, replacement part	1	\$248.85
A9013066	Plastic Sensor Cup with Cover, replacement part	1	\$223.05
A9013067	Clay for Automatic Sensor, replacement part	1	\$32.05
A9013069	PVC Fitting Adapter, 3/4" x 1/2" FPT	1	\$3.65
A9013070	Metal Cover for Snow-melt Cup	1	\$37.70

## Snow-melt Accessories



The Climate Cöntrol Multifunction Controller provides a variety of sensors to provide temperature information. The Domestic Hot Water (DHW) Tank Sensor and Supply and Return Sensor connect using standard Cat5 cables with RJ45 ends to the appropriate device or control.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
◀ A9012002	Domestic Hot Water (DHW) Tank Sensor, 10k	1	\$74.25
◀ A9013001	Supply and Return Sensor, 10k	1	\$106.95

## Sensors



The following tools, cables and accessories are available to complete and simplify the Climate Cöntrol Multifunction installation.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
◀ A8010002	Data Stick, replacement part	1	\$45.75
◀ A8010004	Replacement Display	1	\$434.10
◀ A9030001	Cat5 Patch Cable (1 ft.)	1	\$10.40
◀ A9030003	Cat5 Patch Cable (3 ft.)	1	\$15.00
◀ A9030007	Cat5 Patch Cable (7 ft.)	1	\$21.90
◀ A9030015	Cat5 Patch Cable (15 ft.)	1	\$39.30
◀ A9030100	Cable Tester	1	\$417.15
◀ A9030200	Cat5 Cable Stripper	1	\$103.85
◀ A9030300	Modular Plug Crimping Tool	1	\$199.30
◀ A9030111	RJ45 Connectors, 50 pack	1	\$128.70
◀ A9031000	Cat5 Wire, 1,000-ft. roll	1	\$471.80

## Climate Cöntrol Multifunction Replacement Parts and Accessories



◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final. See the alphanumeric on pages 131-154 for a listing of alternative part numbers.

# Uponor Radiant Heating and Cooling Systems

## Three-way Tempering Valve



The 1" Three-way Tempering Valve thermostatically controls water temperature ranges between 80°F and 160°F. This non-corrosive reactive valve features 1" nominal sweat union connections and a Cv of 4.0.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A5400102	1" Three-way Tempering Valve	1	\$336.80
A5401112	1" Three-way Tempering Valve with Union	1	\$312.95
A5401110	1" Three-way Tempering Valve Replacement Gaskets, set of three	1	\$10.80

## Differential Pressure By-pass Valve



The self-acting, automatic Differential Pressure By-pass Valve maintains flow rates (e.g., through a low water content gas boiler) or controls the differential pressure in a hydronic heating system. Valves come with NPT unions.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A5410750	¾" Differential Pressure By-pass Valve	1	\$350.90
A5411000	1" Differential Pressure By-pass Valve	1	\$430.25

## Climate Control Zoning System (wireless)

### Climate Control Zoning System Starter Kit



The Climate Control Zoning System Starter Kit includes a Base Unit (C-55), an Interface (I-75), a removable antenna, cables for connections, mounting accessories, instructions and a manual. Located near the radiant system manifolds, the Base Unit can handle up to 12 thermostats (sold separately) and control up to 14 thermal actuators (sold separately). Each actuator controls the flow of the water through loops of PEX tubing in a radiant system.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A3601000	Climate Control Zoning System Starter Kit, (Base Unit, Interface, Cables, Antenna)	1	\$986.50

### Zoning Base Unit



Located near the radiant system manifolds, the Zoning Base Unit can handle up to 12 thermostats (sold separately) and control up to 14 thermal actuators (sold separately). Each actuator controls the flow of the water through loops of PEX tubing in a radiant system. An interface (I-75) can be added for additional features (sold separately).

**Note:** The Zoning Base Unit includes the antenna (A3601001).

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A3601012	Zoning Base Unit (C-55), 12 zones	1	\$608.15

# Uponor Radiant Heating and Cooling Systems

The wireless Zoning Thermostat (T-75) works with the Climate Cönlrol Zoning System. With sensors for optimal temperature measurement and battery-status indicators, the thermostat is available in either white or silver finish. Each thermostat uses two standard AAA batteries (included). Setpoint temperature range is 41°F (5°C) to 95°F (35°C).

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A3600075	Zoning Thermostat (T-75), white	1	\$148.80
A3600275	Zoning Thermostat (T-75), silver	1	\$232.25

## Zoning Thermostat (T-75)



The Zoning Thermostat Mounting Kit uses double-stick pads (included) to mount the thermostat (T-75) on tile or other smooth surfaces. The kit also includes a table stand.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A3600175	Zoning Thermostat Mounting Kit (T-75), white	1	\$12.20
A3600375	Zoning Thermostat Mounting Kit (T-75), silver	1	\$32.90

## Zoning Thermostat Mounting Kit, T-75



The wireless Zoning Thermostat (T-54) works with the Climate Cönlrol Zoning System. It features an optional slab sensor connection and can function as an air sensor or a combination air and slab sensor for optimal room comfort control. Use the optional slab sensor to set minimum or maximum slab temperatures. The thermostat uses two standard AAA batteries (included). Air setpoint range is 45°F (7.2°C) to 86°F (30°C). Slab setpoint range is 68°F (20°C) to 113°F (45°C). Slab sensor (A3600010) sold separately. The Zoning Thermostat (T-54) is only compatible with Uponor's Climate Cönlrol Zoning System.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A3600054	Zoning Thermostat (T-54), white	1	\$223.90
A3600010	Slab Sensor for T-54 Thermostat, 12-ft. lead	1	\$42.45

## Zoning Thermostat (T-54)



Use the Zoning Thermostat Mounting Kit to properly mount the T-54 Thermostat to a wall or to cover up a wall area when replacing a larger, conventional thermostat.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A3600154	Zoning Thermostat Mounting Kit, T-54	1	\$14.10

## Zoning Thermostat Mounting Kit, T-54



Connecting the Outdoor Sensor (A3600254) displays the outdoor temperature on the T-54 Thermostat user interface. Connecting the Slab Sensor (A3600010) displays the minimum and maximum slab temperatures on the inside cover of the T-54 Thermostat and the slab setpoint and current reading on the user interface.

**Note:** Using any other sensors with the T-54 Thermostat will give inaccurate temperature readings. The T-54 Thermostat Sensor is only compatible with Uponor's Climate Cönlrol Zoning System.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A3600254	Outdoor Sensor for T-54 Thermostat, 15-ft. lead	1	\$146.10
A3600010	Slab Sensor for T-54 Thermostat, 12-ft. lead	1	\$42.45

## T-54 Thermostat Sensors



# Uponor Radiant Heating and Cooling Systems

## Zoning Interface I-75



The Zoning Interface (I-75) allows users to view system temperatures and status. The interface can connect up to three base units with a regular telephone cable and program up to five temperature setbacks. It also designates room names for each thermostat, and displays system issues. Additional features include valve and pump exercises, vacation scheduling and automatic summer and winter settings.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A3601075	Zoning Interface (I-75)	1	\$399.00

## Zoning Base Unit Antenna



The Zoning Base Unit Antenna is a replacement part for the Zoning Base Unit.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A3601001	Zoning Base Unit Antenna, replacement part	1	\$314.95

## Zoning Cable Kit



The replacement Zoning Cable Kit includes all needed cables (1-ft. antenna cable, 10-ft. antenna cable and 10-ft. display cable).

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A3601002	Zoning Cable Kit	1	\$27.45

## Zoning Language Stick



The Zoning Language Stick is a replacement part for the Zoning Interface (I-75).

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A3600005	Zoning Language Stick, replacement part	1	\$50.20

## Two-wire Thermal Actuator



Two-wire, slow-opening thermal actuators mount directly onto TruFLOW Classic, TruFLOW Jr. valved and EP Heating Manifolds. These actuators are compatible with the Climate Control Zoning Base Unit (A3601012) and provide individual loop flow control on a multi-zoned manifold (a manifold serving more than one zone).

**Note:** See Actuator Compatibility Table on page 86.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A3030522	Two-wire Thermal Actuator (for EP Heating Manifold)	1	\$61.30
A3030523	Two-wire Thermal Actuator (for TruFlow Classic and Jr. Valved Manifolds)	1	\$65.30

# Uponor Radiant Heating and Cooling Systems

## Zoning Controls (wired)

The Heat-only Thermostat (A3030101) and the Heat and Cool Thermostat (A3030102) are designed to operate in heating mode over two wires. These types of thermostats obtain their power for operation from taking voltage from the connected wiring. Different from other industry power-sharing thermostats, these eliminate any need for a third wire or battery, which makes the thermostats simple to install, wire and service.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A3030101	Heat-only Thermostat, two-wire	1	\$107.55
A3030102	Heat and Cool Thermostat	1	\$140.55

### Room Thermostat



The SetPoint 501 and 501s are single-stage, non-programmable setpoint controllers. The SetPoint 501 is designed to sense air only. The SetPoint 501s is designed to sense air and floor temperature.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A3040501	SetPoint 501, Single-stage SetPoint Controller	1	\$196.05
A3041501	SetPoint 501s, Single-stage SetPoint Controller with floor sensor	1	\$313.50
A3040007	Cover Plate for 500 Series Controllers	10	\$29.10

### SetPoint 501 and 501s Controllers



The SetPoint 511s and 512 are programmable setpoint controllers designed to sense air, floor or both temperatures with the ability to select one or the other as the primary sensing point.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A3041511	SetPoint 511s, Single-Stage Programmable Controller with floor sensor	1	\$392.25
A3040512	SetPoint 512, Two-Stage Programmable Controller	1	\$382.00
A3040079	Floor Sensor, replacement part	1	\$91.75
A3040007	Cover Plate for 500 Series Controllers	10	\$29.10

### SetPoint 511s and 512 Controllers



SetPoint 150 Controller features include flexible setpoint range (-40°F to 239°F), adjustable differential and time-delay ranges and an LCD display. The control can be wired up to 500 feet using 18 AWG wire. Use the Universal Sensor (A3060071), included with the setpoint control, for strap-on or immersion well.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A3040150	SetPoint 150 Controller	1	\$454.00

### SetPoint 150 Controller





# Uponor Radiant Heating and Cooling Systems

## Zone Control Module



The Zone Control Module is designed for use with Uponor Thermostats, Actuators or Zone Valves and is now compatible for use with all 2-wire and 4-wire versions. The Zone Control Module provides connection between the thermostats and their respective actuators or zone valves and the connection between the end switches and the pump or boiler relay. The modules are internally fused for protection from over current or direct shorts from the power supply transformer. The end switch circuit is also protected from over current, and a 2-amp fuse is factory installed.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
<b>NEW</b> A3031003	Three-zone Control Module for Two-wire Operation	1	\$132.00
<b>NEW</b> A3031004	Four-zone Control Module for Two-wire Operation	1	\$146.00
A3030009	Replacement Fuse (2 amps), 4/pkg.	1	\$15.35
A3030010	Replacement Fuse (4 amps), 4/pkg.	1	\$15.35

## Two-wire Thermal Actuator



Two-wire, slow-opening thermal actuators mount directly onto TruFLOW Classic, TruFLOW Jr. valved and EP Heating Manifolds. These actuators are compatible with the Climate Control Zoning Base Unit (A3601012) and provide individual loop flow control on a multi-zoned manifold (a manifold serving more than one zone).

**Note:** See Actuator Compatibility Table on page 86.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A3030522	Two-wire Thermal Actuator (for EP Heating Manifold)	1	\$61.30
A3030523	Two-wire Thermal Actuator (for TruFlow Classic and Jr. Valved Manifolds)	1	\$65.30

## Powered Zone Controller



The Powered Four- and Six-zone Controllers include transformers for low-voltage operations and relays to operate line-voltage controls. Fully fuse-protected, they also include an isolated end switch and built-in DHW priority switch. The indicator lights show full functionality of the products wired to the Powered Zone Controllers. A 3-amp delay fuse protects the Powered Four-zone Controller. A 7-amp delay fuse protects the Powered Six-zone Controller.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A3080404	Powered Four-zone Controller	1	\$273.15
A3080406	Powered Six-zone Controller	1	\$351.25

## Thermal Actuator



Slow-opening Thermal Actuator (24VAC) mounts directly onto TruFLOW Valved Manifolds. It provides individual loop flow control on a multi-zoned manifold (manifold serving more than one zone). Thermal Actuator includes end switch for activation of relay (pump), heat plant or other auxiliary devices.

**Note:** If using these actuators on the EP Heating Manifold, the EP Heating Manifold Actuator Adapter (A2671300) is required.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A3020416	Thermal Actuator, two-wire	1	\$93.00
A3010522	Thermal Actuator, four-wire	1	\$97.95
A3019900	Spacer Ring VA33 for White Thermal Actuators	5	\$6.95

# Uponor Radiant Heating and Cooling Systems

The Motorized Valve Actuator (MVA) (24VAC) features a quick-opening, motorized valve head that mounts directly onto TruFLOW Valved Manifolds. The open/close indicator allows for easy visual inspection. It provides individual flow control on a multi-zoned manifold (manifold serving more than one zone). MVA includes an end switch for activation of a relay (pump), heat plant or other auxiliary devices.

## Motorized Valve Actuator (MVA)



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A3020522	Motorized Valve Actuator (MVA), four-wire	1	\$154.40

Four-wire Zone Valve (24 VAC) features 3/4" and 1" sweat connections. It provides flow control for a single-zoned manifold (manifold serving one zone), and has a built-in flow-balancing feature. The zone valve includes an end switch for activation of a relay (pump), heat plant or other auxiliary devices.

## Zone Valve



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A3010525	3/4" Thermal Zone Valve, four-wire	1	\$240.50
A3010526	1" Thermal Zone Valve, four-wire	1	\$250.00
A3070525	3/4" MVA Zone Valve, four-wire	1	\$296.20
A3070526	1" MVA Zone Valve, four-wire	1	\$315.65
A2450028	Manifold Valve Replacement (Brass)	1	\$28.95
A2450029	3/4" Zone Valve Cartridge, (replacement part)	1	\$53.25
A2450030	1" Zone Valve Cartridge, (replacement part)	1	\$57.35

The Single-zone Pump Relay controls the operation of a single circulator or pump from a 24-volt signal. Relay includes secondary low-voltage terminals for boiler operation.

## Pump Relay



The Three-zone Multi-pump Relay controls the operation of up to three pumps or circulators from dedicated 24-volt signals. Relay includes secondary low-voltage terminals for boiler operation and DHW priority options.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A3010100	Single-zone Pump Relay	1	\$142.95
A3080301	Three-zone Multi-pump Relay	1	\$358.20

50 VA Transformer (24VAC) comes with a 4" x 4" metal mounting plate.

## Transformer



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A3050050	50 VA Transformer	1	\$50.55

# Uponor Radiant Heating and Cooling Systems

## Actuator to Manifold Compatibility Table

Part Number	A3030522	A3030523	A3020416	A3010522	A3020522	A9010501
Type	Thermal Valve Actuator	Thermal Valve Actuator	Thermal Valve Actuator	Thermal Valve Actuator	Motorized Valve Actuator	Thermal Valve Actuator
Number of Wires	2	2	2	4	4	4
End Switch	No	No	No	Yes	Yes	Yes
Thread Type	Male	Female	Female	Female	Female	Female
EP Heating Manifold	Yes	No	Yes <sup>1</sup>	Yes <sup>1</sup>	No	Yes <sup>1</sup>
TruFLOW Manifold	No	Yes	Yes <sup>2,3</sup>	Yes <sup>2,3</sup>	Yes	Yes <sup>2,3</sup>

**Notes:** <sup>(1)</sup> Requires gray adapter (A2671300) (ordered separately)



<sup>(2)</sup> Requires Spacer Ring VA33 (A3019900) (included with actuator)



<sup>(3)</sup> Requires brass adapter (A2630028) (included with manifold)



## Radiant Ready 30E™

### Radiant Ready 30E™



The Uponor Radiant Ready 30E™ is a pre-wired, pre-piped hydronic mechanical unit that combines a 9kW electric boiler, expansion tank, air vent, system circulator, isolation valves, pressure-relief valve, radiant distribution manifold and thermostat. The Radiant Ready 30E provides a simple solution for installing radiant heating in projects requiring up to 30,000 BTU/h. The Radiant Ready 30E has outdoor reset capabilities for optimal system efficiency and is capable of five radiant loops with single-zone control (up to 12 loops with customization). The unit's three-speed circulator allows for use in a wide range of system sizes.

**Important:** The standard unit does not come with an ASME H-stamp. If your jurisdiction requires this listing, contact Uponor Customer Service at 888.594.7726 to custom-order an H-stamp unit.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A3503000	Radiant Ready 30E, 30,000 BTU Electric	1	\$6,067.85

# Uponor Radiant Heating and Cooling Systems

## Fully Assembled proPANEL® Units

The proPANEL® 90 unit offers a simple pumping station, used for radiant heating or as a high-temperature loop. The proPANEL 90 is pre-wired to a control interface, meaning the pump relay is connected to the control interface using a Cat5 cable. The panel is prepared to connect to the Climate Control Multifunction Controller. The panel features 1", stainless-steel piping. The maximum recommended flow is 9 gpm.

Panel dimensions are 18" wide, 26" high and 7" deep; it weighs 26 lbs. The panel has a capacity of 90,000 BTUs at a 20 degree delta T.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A3509000	proPANEL 90	1	\$1,610.55

proPANEL 90



The proPANEL 90Z unit offers a pumping station with zoning capability (two zones). Featuring 1" valves for zoning, the proPANEL 90Z is pre-wired to a control interface, meaning the pump relay is connected to the control interface using a Cat5 cable. The two actuators controlling the valves are also pre-wired into the interface. The panel is prepared to connect to the Climate Control Multifunction Controller. The panel features 1", stainless-steel piping on the primary side and 3/4", stainless-steel piping on the secondary side. The maximum recommended flow is 4.5 gpm per outlet.

Panel dimensions are 18" wide, 26" high and 7" deep; it weighs 32 lbs. The panel has a capacity of 90,000 BTUs at a 20 degree delta T.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A3509002	proPANEL 90Z	1	\$2,333.50

proPANEL 90Z



The proPANEL 90M unit offers a one-temperature mixing and pumping station using a three-way motorized mixing valve (0-10V). The proPANEL 90M is controlled by connecting it to a Climate Control Multifunction Controller. The proPANEL 90M is pre-wired to a control interface, meaning the pump relay and the mixing valves are connected to the control interface using a Cat5 cable. Sensors are attached to the tubing to monitor the secondary supply temperature at the selected level. They are also pre-wired to the control interface. The panel features 1", stainless-steel piping. The maximum recommended flow is 9 gpm.

Panel dimensions are 18" wide, 26" high and 7" deep; it weighs 30 lbs. The panel has a capacity of 90,000 BTUs at a 20 degree delta T.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A3509500	proPANEL 90M	1	\$2,912.95

proPANEL 90M



The proPANEL 90MZ unit offers a one-temperature mixing and pumping station with zoning capacity (two zones). The proPANEL 90MZ uses 1" valves for zoning and a three-way motorized mixing valve (0-10V) for mixing. To control the proPANEL 90MZ, it must connect to a Climate Control Multifunction Controller. The proPANEL 90MZ is pre-wired to a control interface, meaning the pump relay and the mixing valves are connected to the control interface using a Cat5 cable. Sensors are attached to the tubing to maintain the secondary supply temperature at the selected level; those are also pre-wired to the control interface. The two actuators controlling the valves are also pre-wired into the control interface. The panel features 1", stainless-steel piping on the primary side and 3/4", stainless-steel piping on the secondary side. The maximum recommended flow is 4.5 gpm per outlet.

Panel dimensions are 18" wide, 26" high and 7" deep; it weighs 37 lbs. The panel has a capacity of 90,000 BTUs at a 20 degree delta T.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A3509502	proPANEL 90MZ	1	\$2,974.10

proPANEL 90MZ



Price reduced

Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final. See the alphanumeric on pages 131-154 for a listing of alternative part numbers.

# Uponor Radiant Heating and Cooling Systems

## ProPEX Fittings

### ProPEX Rings



A ProPEX Ring is required to make a ProPEX connection. The 1/2" through 2" rings include a leading-edge chamfer and integral stop edge to further simplify the use of ProPEX fittings.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4690302	ProPEX Ring, 3/8"	50	\$0.21
Q4690512	ProPEX Ring with Stop, 1/2"	50	\$0.21
Q4690756	ProPEX Ring with Stop, 3/4"	50	\$0.42
Q4680625	ProPEX Ring, 5/8"	50	\$0.40
Q4690625	ProPEX Ring with Stop, 5/8"	50	\$0.40
Q4691000	ProPEX Ring with Stop, 1"	50	\$0.83
Q4691250	ProPEX Ring with Stop, 1 1/4"	10	\$1.21
Q4691500	ProPEX Ring with Stop, 1 1/2"	5	\$1.60
Q4692000	ProPEX Ring with Stop, 2"	10	\$3.25





# Uponor Radiant Heating and Cooling Systems

ProPEX EP, Lead-free (LF) Brass, Red Brass and Brass Couplings make PEX-to-PEX connections.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

## ProPEX Coupling



Engineered Polymer (EP)



Lead-free (LF) Brass

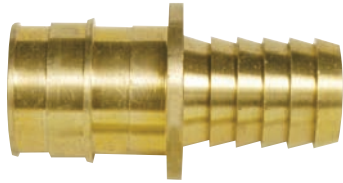
Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4773838	ProPEX EP Coupling, 3/8" PEX x 3/8" PEX	25	\$1.45
LF4543850	ProPEX LF Brass Coupling, 3/8" PEX x 1/2" PEX	25	\$10.25
◀ V4543850	ProPEX Red Brass Coupling, 3/8" PEX x 1/2" PEX	25	\$5.20
Q4775050	ProPEX EP Coupling, 1/2" PEX x 1/2" PEX	25	\$1.50
LF4545050	ProPEX LF Brass Coupling, 1/2" PEX x 1/2" PEX	25	\$5.95
Q4775075	ProPEX EP Coupling, 1/2" PEX x 3/4" PEX	25	\$3.20
Q4776363	ProPEX EP Coupling, 5/8" PEX X 5/8" PEX	10	\$3.65
Q4546363	ProPEX Brass Coupling, 5/8" PEX x 5/8" PEX	10	\$5.95
Q4777575	ProPEX EP Coupling, 3/4" PEX x 3/4" PEX	25	\$1.90
LF4547575	ProPEX LF Brass Coupling, 3/4" PEX x 3/4" PEX	25	\$9.10
Q4777510	ProPEX EP Coupling, 3/4" PEX x 1" PEX	25	\$4.55
LF4547510	ProPEX LF Brass Coupling, 3/4" PEX x 1" PEX	10	\$14.05
Q4771010	ProPEX EP Coupling, 1" PEX x 1" PEX	10	\$3.00
LF4541010	ProPEX LF Brass Coupling, 1" PEX x 1" PEX	10	\$16.55
◀ Q4541010	ProPEX Brass Coupling, 1" PEX x 1" PEX	10	\$2.40
Q4771307	ProPEX EP Coupling, 1 1/4" PEX x 3/4" PEX	1	\$6.65
Q4771310	ProPEX EP Coupling, 1 1/4" PEX x 1" PEX	1	\$6.90
Q4771313	ProPEX EP Coupling, 1 1/4" PEX x 1 1/4" PEX	1	\$7.85
Q4771507	ProPEX EP Coupling, 1 1/2" PEX x 3/4" PEX	1	\$7.95
Q4771510	ProPEX EP Coupling, 1 1/2" PEX x 1" PEX	1	\$8.15
Q4771513	ProPEX EP Coupling, 1 1/2" PEX x 1 1/4" PEX	1	\$8.25
Q4771515	ProPEX EP Coupling, 1 1/2" PEX x 1 1/2" PEX	1	\$8.40
Q4772015	ProPEX EP Coupling, 2" PEX x 1 1/2" PEX	1	\$44.75
◀ Q4542015	ProPEX Brass Coupling, 2" PEX x 1 1/2" PEX	5	\$45.00
Q4772020	ProPEX EP Coupling, 2" PEX x 2" PEX	1	\$57.35

Ⓢ Price reduced

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final. See the alphanumeric on pages 131-154 for a listing of alternative part numbers.

# Uponor Radiant Heating and Cooling Systems

## ProPEX LF Brass to Polyethylene (PE) Coupling

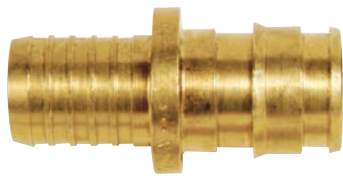


ProPEX LF Brass to Polyethylene (PE) Coupling transitions black PE tubing to Uponor PEX tubing. Product does not include hose clamps for the PE side of the coupling.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4591010	ProPEX LF Brass to PE Coupling, 1" PEX x 1" PE	10	\$28.20

## ProPEX LF Brass to Polybutylene (PB) Coupling



ProPEX LF Brass to Polybutylene (PB) Coupling transitions PB tubing to Uponor PEX tubing. Product does not include the crimp ring for the PB side of the coupling.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4585050	ProPEX LF Brass to PB Coupling, 1/2" PEX x 1/2" PB	25	\$10.80
LF4587575	ProPEX LF Brass to PB Coupling, 3/4" PEX x 3/4" PB	25	\$17.95

## ProPEX Elbow



ProPEX EP, LF Brass and Brass Elbows make tight, 90-degree connections for Uponor PEX tubing in supply and return mains.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4760500	ProPEX EP Elbow, 1/2" PEX x 1/2" PEX	25	\$1.85
Q4710625	ProPEX Brass Elbow, 5/8" PEX x 5/8" PEX	25	\$9.60
Q4760750	ProPEX EP Elbow, 3/4" PEX x 3/4" PEX	25	\$2.35
LF4710750	ProPEX LF Brass Elbow, 3/4" PEX x 3/4" PEX	25	\$11.65
Q4761000	ProPEX EP Elbow, 1" PEX x 1" PEX	10	\$4.80
LF4711000	ProPEX LF Brass Elbow, 1" PEX x 1" PEX	10	\$18.75
Q4761250	ProPEX EP Elbow, 1 1/4" PEX x 1 1/4" PEX	1	\$11.90
Q4761500	ProPEX EP Elbow, 1 1/2" PEX x 1 1/2" PEX	1	\$15.15
Q4762000	ProPEX EP Elbow, 2" PEX x 2" PEX	1	\$80.80

Price reduced

# Uponor Radiant Heating and Cooling Systems

ProPEX LF Brass or Brass Elbow with MIP makes 90-degree connections for 1/2" Uponor PEX tubing to 1/2" or 3/8" male NPT thread.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4125050	ProPEX LF Brass Elbow, 1/2" PEX x 1/2" MIP	25	\$12.50
Q4743850	ProPEX Brass Elbow, 1/2" PEX x 3/8" MIP	25	\$12.45

## ProPEX Brass Elbow with MIP



ProPEX EP and LF Brass Tees make diverting connections for Uponor PEX tubing in supply and return mains. Branch size is listed last in the part description.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4755050	ProPEX EP Tee, 1/2" PEX x 1/2" PEX x 1/2" PEX	25	\$1.85
LF4705050	ProPEX LF Brass Tee, 1/2" PEX x 1/2" PEX x 1/2" PEX	25	\$10.05
Q4757575	ProPEX EP Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX	25	\$3.00
LF4707575	ProPEX LF Brass Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX	25	\$16.35
Q4751010	ProPEX EP Tee, 1" PEX x 1" PEX x 1" PEX	10	\$5.45
LF4701010	ProPEX LF Brass Tee, 1" PEX x 1" PEX x 1" PEX	10	\$30.20
Q4751313	ProPEX EP Tee, 1 1/4" PEX x 1 1/4" PEX x 1 1/4" PEX	1	\$13.55
Q4751515	ProPEX EP Tee, 1 1/2" PEX x 1 1/2" PEX x 1 1/2" PEX	1	\$18.10
Q4752000	ProPEX EP Tee, 2" PEX x 2" PEX x 2" PEX	1	\$99.55

## ProPEX Tee



\$

Price reduced

# Uponor Radiant Heating and Cooling Systems

## ProPEX Reducing Tee

ProPEX EP or LF Brass Reducing Tees make diverting connections for Uponor PEX tubing in supply and return mains. Branch size is listed last in the part description.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4755575	ProPEX EP Reducing Tee, 1/2" PEX x 1/2" PEX x 3/4" PEX	25	\$7.25
Q4757555	ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 1/2" PEX	25	\$2.90
Q4757557	ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 3/4" PEX	25	\$2.90
Q4757550	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX	25	\$2.45
LF4707550	ProPEX LF Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX	25	\$16.35
Q4757563	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 5/8" PEX	10	\$5.45
Q4757710	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	10	\$10.75
LF4707710	ProPEX LF Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	10	\$26.35
Q4751775	ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	10	\$4.75
LF4701775	ProPEX LF Brass Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	10	\$30.20
Q4751751	ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	10	\$5.70
LF4701751	ProPEX LF Brass Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	10	\$30.20
Q4751150	ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	10	\$5.00
LF4701150	ProPEX LF Brass Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	10	\$30.20
Q4751175	ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	10	\$5.50
LF4701175	ProPEX LF Brass Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	10	\$30.20
Q4751317	ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 3/4" PEX	1	\$10.70
Q4751311	ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 1" PEX	1	\$12.50
Q4751337	ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 3/4" PEX	1	\$12.55
Q4751331	ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 1" PEX	1	\$12.95

# Uponor Radiant Heating and Cooling Systems

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4751517	ProPEX EP Reducing Tee, 1½" PEX x 1" PEX x ¾" PEX	1	\$15.05
Q4751511	ProPEX EP Reducing Tee, 1½" PEX x 1" PEX x 1" PEX	1	\$15.05
Q4751537	ProPEX EP Reducing Tee, 1½" PEX x 1¼" PEX x ¾" PEX	1	\$17.15
Q4751531	ProPEX EP Reducing Tee, 1½" PEX x 1 ¼" PEX x 1" PEX	1	\$17.75
Q4751533	ProPEX EP Reducing Tee, 1½" PEX x 1¼" PEX x 1¼" PEX	1	\$18.85
Q4751557	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x ¾" PEX	1	\$16.10
Q4751551	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x 1" PEX	1	\$16.60
Q4751553	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x 1¼" PEX	1	\$17.05
Q4752575	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x ¾" PEX	1	\$87.90
Q4752051	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 1" PEX	1	\$76.45
Q4752053	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 1¼" PEX	1	\$87.90
Q4752055	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 1½" PEX	1	\$95.45
Q4752275	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x ¾" PEX	1	\$83.65
Q4752210	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1" PEX	1	\$82.05
Q4752213	ProPEX EP Reducing Tee, 2" x 2" x 1¼"	1	\$86.20
Q4752215	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1½" PEX	1	\$96.55

## ProPEX Reducing Tee



**S** Price reduced



# Uponor Radiant Heating and Cooling Systems


## ProPEX Plug



ProPEX EP and Brass Plugs permanently or temporarily terminate the end of Uponor PEX tubing.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4350500	ProPEX EP Plug for 1/2" PEX	25	\$1.15
Q4536363	ProPEX Brass Plug for 5/8" PEX	10	\$10.00
Q4350750	ProPEX EP Plug for 3/4" PEX	25	\$1.80
Q4351000	ProPEX EP Plug for 1" PEX	10	\$2.45
Q4351250	ProPEX EP Plug for 1 1/4" PEX	1	\$13.40
Q4351500	ProPEX EP Plug for 1 1/2" PEX	1	\$20.65
Q4352000	ProPEX EP Plug for 2" PEX	1	\$31.30

 Price reduced

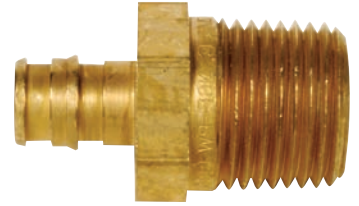
# Uponor Radiant Heating and Cooling Systems

## ProPEX Adapters

ProPEX LF Brass, Red Brass and Brass Male Threaded Adapters connect Uponor PEX tubing to male NPT threads and are intended as transition fittings from metal to PEX.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

### ProPEX Brass Male Threaded Adapter



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4523850	ProPEX LF Brass Male Threaded Adapter, 3/8" PEX x 1/2" NPT	25	\$11.55
LF4525050	ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 1/2" NPT	25	\$5.55
◀ V4525050	ProPEX Red Brass Male Threaded Adapter, 1/2" PEX x 1/2" NPT	25	\$9.50
LF4525075	ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 3/4" NPT	25	\$14.05
Q4526375	ProPEX Brass Male Threaded Adapter, 5/8" PEX x 3/4" NPT	10	\$8.55
LF4527575	ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$10.05
◀ V4527575	ProPEX Red Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$29.30
LF4527510	ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 1" NPT	10	\$21.15
LF4521075	ProPEX LF Brass Male Threaded Adapter, 1" PEX x 3/4" NPT	10	\$21.15
LF4521010	ProPEX LF Brass Male Threaded Adapter, 1" PEX x 1" NPT	10	\$20.75
LF4521313	ProPEX LF Brass Male Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	1	\$46.85
LF4521515	ProPEX LF Brass Male Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	1	\$62.65
LF4522020	ProPEX LF Brass Male Threaded Adapter, 2" PEX x 2" NPT	1	\$192.15

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final. See the alphanumeric on pages 131-154 for a listing of alternative part numbers.

# Uponor Radiant Heating and Cooling Systems

## ProPEX Brass Female Threaded Adapters



ProPEX LF Brass and Brass Female Threaded Adapters connect Uponor PEX tubing to female NPT threads and are intended as transition fittings from metal to PEX.

Note: ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4575050	ProPEX LF Brass Female Threaded Adapter, 1/2" PEX x 1/2" NPT	25	\$11.10
LF4575075	ProPEX LF Brass Female Threaded Adapter, 1/2" PEX x 3/4" NPT	25	\$17.95
Q4576375	ProPEX Brass Female Threaded Adapter, 5/8" PEX x 3/4" NPT	10	\$8.45
LF4577575	ProPEX LF Brass Female Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$12.40
LF4577510	ProPEX LF Brass Female Threaded Adapter, 3/4" PEX x 1" NPT	10	\$38.45
LF4571010	ProPEX LF Brass Female Threaded Adapter, 1" PEX x 1" NPT	10	\$26.20
LF4571313	ProPEX LF Brass Female Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	1	\$48.05
◀ Q4571313	ProPEX Brass Female Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	10	\$35.95
LF4571515	ProPEX LF Brass Female Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	1	\$102.50
LF4572020	ProPEX LF Brass Female Threaded Adapter, 2" PEX x 2" NPT	1	\$237.00

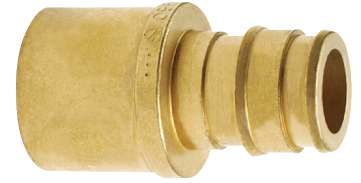
◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final. See the alphanumeric on pages 131-154 for a listing of alternative part numbers.

# Uponor Radiant Heating and Cooling Systems

ProPEX LF Brass, Red Brass and Brass Sweat Adapters transition Uponor PEX tubing to copper pipe.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

## ProPEX Brass Sweat Adapters



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4513850	ProPEX LF Brass Sweat Adapter, 3/8" PEX x 1/2" Copper	25	\$9.00
LF4515050	ProPEX LF Brass Sweat Adapter, 1/2" PEX x 1/2" Copper	25	\$3.85
◀ V4515050	ProPEX Red Brass Sweat Adapter, 1/2" PEX x 1/2" Copper	25	\$9.50
LF4515075	ProPEX LF Brass Fitting Adapter, 1/2" PEX x 3/4" Copper	25	\$7.60
Q4516350	ProPEX Brass Sweat Adapter, 5/8" PEX x 1/2" Copper	10	\$7.65
Q4516375	ProPEX Brass Sweat Adapter, 5/8" PEX x 3/4" Copper	10	\$6.00
LF4517550	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 1/2" Copper	25	\$14.05
LF4517575	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 3/4" Copper	25	\$8.85
◀ V4517575	ProPEX Red Brass Sweat Adapter, 3/4" PEX x 3/4" Copper	25	\$19.60
LF4517510	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 1" Copper	10	\$17.25
LF4511010	ProPEX LF Brass Sweat Adapter, 1" PEX x 1" Copper	10	\$14.75
◀ V4511010	ProPEX Red Brass Sweat Adapter, 1" PEX x 1" Copper	10	\$26.80
LF4511313	ProPEX LF Brass Sweat Adapter, 1 1/4" PEX x 1 1/4" Copper	1	\$39.15
◀ V4511313	ProPEX Red Brass Sweat Adapter, 1 1/4" PEX x 1 1/4" Copper	10	\$54.85
◀ Q4511313	ProPEX Brass Sweat Adapter, 1 1/4" PEX x 1 1/4" Copper	10	\$21.55
LF4511515	ProPEX LF Brass Sweat Adapter, 1 1/2" PEX x 1 1/2" Copper	1	\$59.90
◀ V4511515	ProPEX Red Brass Sweat Adapter, 1 1/2" PEX x 1 1/2" Copper	10	\$60.35
LF4512020	ProPEX LF Brass Sweat Adapter, 2" PEX x 2" Copper	1	\$172.95

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final. See the alphanumeric on pages 131-154 for a listing of alternative part numbers.

# Uponor Radiant Heating and Cooling Systems

## ProPEX Brass Fitting Adapters



ProPEX LF Brass, Red Brass and Brass Fitting Adapters transition Uponor PEX tubing to copper fittings.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4505050	ProPEX LF Brass Fitting Adapter, 1/2" PEX x 1/2" Copper	25	\$3.80
V4505050	ProPEX Red Brass Fitting Adapter, 1/2" PEX x 1/2" Copper	25	\$8.95
LF4505075	ProPEX LF Brass Fitting Adapter, 1/2" PEX x 3/4" Copper	25	\$7.50
Q4506350	ProPEX Brass Fitting Adapter, 5/8" PEX x 1/2" Copper	10	\$5.40
Q4506375	ProPEX Brass Fitting Adapter, 5/8" PEX x 3/4" Copper	10	\$5.15
LF4507550	ProPEX LF Brass Fitting Adapter, 3/4" PEX x 1/2" Copper	25	\$15.40
LF4507575	ProPEX LF Brass Fitting Adapter, 3/4" PEX x 3/4" Copper	25	\$8.40
V4507575	ProPEX Red Brass Fitting Adapter, 3/4" PEX x 3/4" Copper	25	\$17.70
LF4507510	ProPEX LF Brass Fitting Adapter, 3/4" PEX x 1" Copper	10	\$16.65
LF4501010	ProPEX LF Brass Fitting Adapter, 1" PEX x 1" Copper	10	\$15.60
LF4501313	ProPEX LF Brass Fitting Adapter, 1 1/4" PEX x 1 1/4" Copper	1	\$34.55
LF4501515	ProPEX LF Brass Fitting Adapter, 1 1/2" PEX x 1 1/2" Copper	1	\$57.00
LF4502020	ProPEX LF Brass Fitting Adapter, 2" PEX x 2" Copper	1	\$172.95

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final. See the alphanumeric on pages 131-154 for a listing of alternative part numbers.



# Uponor Radiant Heating and Cooling Systems

## Tubing Transition Fittings

The QS-style Coupling Nipple (brass) and the appropriate fitting assembly connect  $\frac{5}{16}$ ",  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{5}{8}$ " or  $\frac{3}{4}$ " Uponor tubing together.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A4322020	QS-style Coupling Nipple, R20 x R20	10	\$9.95
A4322525	QS-style Coupling Nipple, R25 x R25 (for $\frac{3}{4}$ " and $\frac{5}{8}$ " tubing only)	10	\$16.90

### QS-style Coupling Nipple



The QS-style Conversion Nipple (brass) and the appropriate fitting connect  $\frac{5}{16}$ ",  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{5}{8}$ " or  $\frac{3}{4}$ " Uponor tubing to  $\frac{1}{2}$ ",  $\frac{3}{4}$ " and 1" NPT.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A4322050	QS-style Conversion Nipple, R20 x $\frac{1}{2}$ " NPT	10	\$9.20
A4322075	QS-style Conversion Nipple, R20 x $\frac{3}{4}$ " NPT	10	\$9.80
A4322575	QS-style Conversion Nipple, R25 x $\frac{3}{4}$ " NPT (for $\frac{3}{4}$ " tubing only)	10	\$11.75
A4322510	QS-style Conversion Nipple, R25 x 1" NPT (for $\frac{3}{4}$ " and $\frac{5}{8}$ " tubing only)	10	\$15.95

### QS-style Conversion Nipple



Use R20 QS-style Copper Adapter (R20 or R25) and appropriate QS-style Fitting Assembly to transition Uponor PEX tubing to  $\frac{1}{2}$ " and  $\frac{3}{4}$ " copper pipe.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A4332050	QS-style Copper Adapter, R20 x $\frac{1}{2}$ " Copper	10	\$10.35
A4332075	QS-style Copper Adapter, R20 x $\frac{3}{4}$ " Copper	10	\$8.05
A4332575	QS-style Copper Adapter, R25 x $\frac{3}{4}$ " Copper (for $\frac{3}{4}$ " and $\frac{5}{8}$ " tubing only)	10	\$13.00

### QS-style Copper Adapter



Use R20 QS-style Copper Fitting Adapter and appropriate QS-style Fitting Assembly to transition Uponor PEX tubing to  $\frac{1}{2}$ " and  $\frac{3}{4}$ " copper fittings.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A4342050	QS-style Copper Fitting Adapter, R20 x $\frac{1}{2}$ " Copper	10	\$10.30
A4342075	QS-style Copper Fitting Adapter, R20 x $\frac{3}{4}$ " Copper	10	\$7.75
A4342575	QS-style Copper Fitting Adapter, R25 X $\frac{3}{4}$ " Copper (for $\frac{3}{4}$ " and $\frac{5}{8}$ " tubing only)	10	\$21.75
A4342510	QS-style Copper Fitting Adapter, R25 X 1" Copper (for $\frac{3}{4}$ " and $\frac{5}{8}$ " tubing only)	10	\$12.00

### QS-style Copper Fitting Adapter



Use  $\frac{5}{16}$ " Repair Coupling for  $\frac{5}{16}$ " PEX x  $\frac{5}{16}$ " PEX.

**Note:** One-piece Repair Coupling comes as an assembly. No other fittings are necessary. For all other sizes of tubing, see ProPEX EP Coupling section on page 89. EP Couplings are suitable for direct burial.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A4010313	$\frac{5}{16}$ " Repair Coupling	10	\$26.40

### Repair Coupling



◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final. See the alphanumeric on pages 131-154 for a listing of alternative part numbers.

# Uponor Radiant Heating and Cooling Systems

## Baseboard Fittings

### QS-style Baseboard Elbow and Tee



QS-style Baseboard Elbow (brass) connects 1/2", 5/8" and 3/4" Uponor PEX tubing to 3/4" copper baseboard with the appropriate QS-style fitting assembly.

**Note:** QS-style Fitting Assembly is required.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A4382075	QS-style Baseboard Elbow, R20 x 3/4" Copper Adapter	10	\$13.45
A4372075	QS-style Baseboard Elbow, R20 x 3/4" Copper Fitting Adapter	10	\$21.65

QS-style Baseboard Tee (brass) connects 1/2" and 5/8" Uponor PEX tubing to 3/4" copper baseboard (includes 1/8" threads for air vent).

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A4392075	QS-style Baseboard Tee, R20 x 3/4" Copper Adapter	10	\$20.70

### ProPEX Baseboard Elbow and Tee



ProPEX Baseboard Elbow (brass) connects 1/2", 5/8" and 3/4" Uponor PEX tubing products to 3/4" copper baseboard.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4385075	ProPEX Baseboard Elbow, 1/2" PEX x 3/4" Copper Adapter	10	\$9.00
Q4386375	ProPEX Baseboard Elbow, 5/8" PEX x 3/4" Copper Adapter	10	\$9.65
Q4387575	ProPEX Baseboard Elbow, 3/4" PEX x 3/4" Copper Adapter	10	\$10.25
Q4375075	ProPEX Baseboard Elbow, 1/2" PEX x 3/4" Copper Fitting Adapter	10	\$9.00
Q4376375	ProPEX Baseboard Elbow, 5/8" PEX x 3/4" Copper Fitting Adapter	10	\$9.65
Q4377575	ProPEX Baseboard Elbow, 3/4" PEX x 3/4" Copper Fitting Adapter	10	\$10.25

ProPEX Baseboard Tee (brass) connects 1/2", 5/8" and 3/4" Uponor PEX tubing products to 3/4" copper baseboard (includes 1/8" threads for air vent). Air vent is not included.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4395075	ProPEX Baseboard Tee, 1/2" PEX x 3/4" Copper Adapter with 1/8" vent tapping	10	\$9.00
Q4396375	ProPEX Baseboard Tee, 5/8" PEX x 3/4" Copper Adapter with 1/8" vent tapping	10	\$9.65
Q4397575	ProPEX Baseboard Tee, 3/4" PEX x 3/4" Copper Adapter with 1/8" vent tapping	10	\$10.25

Price reduced

# Uponor Radiant Heating and Cooling Systems

## MLC Press Fittings

MLC Press Fitting Brass Coupling connects two pieces of MLC tubing.

**Note:** The Mini-Press Battery Tool or MLC Press Fitting Manual Tool is required.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
D4545050	MLC Press Fitting Brass Coupling, 1/2" MLC Tubing x 1/2" MLC Tubing	10	\$13.30
D4546363	MLC Press Fitting Brass Coupling, 5/8" MLC Tubing x 5/8" MLC Tubing	10	\$17.05
D4547575	MLC Press Fitting Brass Coupling, 3/4" MLC Tubing x 3/4" MLC Tubing	10	\$19.10
D4541010	MLC Press Fitting Brass Coupling, 1" MLC Tubing x 1" MLC Tubing	10	\$27.70

**MLC Press Fitting Brass Coupling**



MLC Press Fitting Elbow makes 90-degree connections for MLC tubing.

**Note:** The Mini-Press Battery Tool or MLC Press Fitting Manual Tool is required.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
D4710625	MLC Press Fitting Brass Elbow, 5/8" MLC Tubing x 5/8" MLC Tubing	10	\$12.85
D4710750	MLC Press Fitting Brass Elbow, 3/4" MLC Tubing x 3/4" MLC Tubing	10	\$24.20
D4711000	MLC Press Fitting Brass Elbow, 1" MLC Tubing x 1" MLC Tubing	10	\$67.40

**MLC Press Fitting Brass Elbow**



MLC Press Fitting Brass Tee makes diverting connections for MLC tubing in supply and return mains.

**Note:** The Mini-Press Battery Tool or MLC Press Fitting Manual Tool is required.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
D4707575	MLC Press Fitting Brass Tee, 3/4" MLC Tubing x 3/4" MLC Tubing x 3/4" MLC Tubing	10	\$27.85
D4701010	MLC Press Fitting Brass Tee, 1" MLC Tubing x 1" MLC Tubing x 1" MLC Tubing	10	\$38.05
D4707550	MLC Press Fitting Brass Reducing Tee, 3/4" MLC Tubing x 3/4" MLC Tubing x 1/2" MLC Tubing	10	\$39.80
D4701150	MLC Press Fitting Brass Reducing Tee, 1" MLC Tubing x 1" MLC Tubing x 1/2" MLC Tubing	10	\$32.40
D4701175	MLC Press Fitting Brass Reducing Tee, 1" MLC Tubing x 1" MLC Tubing x 3/4" MLC Tubing	10	\$33.35

**MLC Press Fitting Brass Tee**

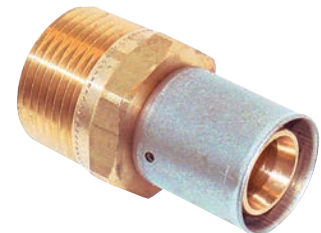


MLC Press Fitting Brass Male NPT Threaded Adapter connects MLC tubing to male NPT threads.

**Note:** The Mini-Press Battery Tool or MLC Press Fitting Manual Tool is required.

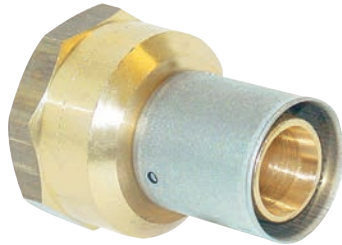
Part No.	Part Description	Pkg. Qty.	List Price/Ea.
D4525075	MLC Press Fitting Brass Male Threaded Adapter, 1/2" MLC Tubing x 3/4" NPT	10	\$24.05
D4526375	MLC Press Fitting Brass Male Threaded Adapter, 5/8" MLC Tubing x 3/4" NPT	10	\$20.80
D4527575	MLC Press Fitting Brass Male Threaded Adapter, 3/4" MLC Tubing x 3/4" NPT	10	\$24.35
D4527510	MLC Press Fitting Brass Male Threaded Adapter, 3/4" MLC Tubing x 1" NPT	10	\$26.05
D4521010	MLC Press Fitting Brass Male Threaded Adapter, 1" MLC Tubing x 1" NPT	10	\$30.20

**MLC Press Fitting Brass Male Threaded Adapter**



# Uponor Radiant Heating and Cooling Systems

## MLC Press Fitting Brass Female Threaded Adapter



MLC Press Fitting Brass Female NPT Threaded Adapter connects MLC tubing to female NPT threads.

**Note:** The Mini-Press Battery Tool or MLC Press Fitting Manual Tool is required.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
D4575075	MLC Press Fitting Brass Female Threaded Adapter, 1/2" MLC Tubing x 3/4" NPT	10	\$26.20
D4576375	MLC Press Fitting Brass Female Threaded Adapter, 5/8" MLC Tubing x 3/4" NPT	10	\$20.05
D4577575	MLC Press Fitting Brass Female Threaded Adapter, 3/4" MLC Tubing x 3/4" NPT	10	\$23.25
D4577510	MLC Press Fitting Brass Female Threaded Adapter, 3/4" MLC Tubing x 1" NPT	10	\$29.60
D4571010	MLC Press Fitting Brass Female Threaded Adapter, 1" MLC Tubing x 1" NPT	10	\$47.55

## MLC Press Fitting Brass Sweat Adapter

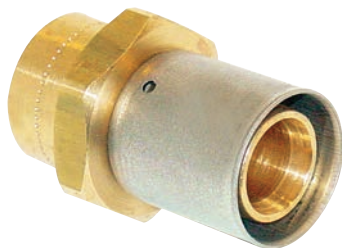


MLC Press Fitting Brass Sweat Adapter transitions MLC tubing to copper pipe. Fittings come disassembled for sweating.

**Note:** The Mini-Press Battery Tool or MLC Press Fitting Manual Tool is required.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
D4515050	MLC Press Fitting Brass Adapter, 1/2" MLC Tubing x 1/2" Copper	10	\$15.10
D4515075	MLC Press Fitting Brass Adapter, 1/2" MLC Tubing x 3/4" Copper	10	\$11.00
D4516375	MLC Press Fitting Brass Adapter, 5/8" MLC Tubing x 3/4" Copper	10	\$19.70
D4517575	MLC Press Fitting Brass Adapter, 3/4" MLC Tubing x 3/4" Copper	10	\$23.90
D4517510	MLC Press Fitting Brass Adapter, 3/4" MLC Tubing x 1" Copper	10	\$20.00
D4511010	MLC Press Fitting Brass Adapter, 1" MLC Tubing x 1" Copper	10	\$19.55

## MLC Press Fitting Brass Fitting Adapter



MLC Press Fitting Brass Fitting Adapter transitions MLC tubing to copper fittings. Fittings come disassembled for sweating.

**Note:** The Mini-Press Battery Tool or MLC Press Fitting Manual Tool is required.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
D4505050	MLC Press Fitting Brass Fitting Adapter, 1/2" MLC Tubing x 1/2" Copper	10	\$25.95
D4505075	MLC Press Fitting Brass Fitting Adapter, 1/2" MLC Tubing x 3/4" Copper	10	\$10.60
D4506375	MLC Press Fitting Brass Fitting Adapter, 5/8" MLC Tubing x 3/4" Copper	10	\$18.15
D4507575	MLC Press Fitting Brass Fitting Adapter, 3/4" MLC Tubing x 3/4" Copper	10	\$14.05
D4507510	MLC Press Fitting Brass Fitting Adapter, 3/4" MLC Tubing x 1" Copper	10	\$27.50
D4501010	MLC Press Fitting Brass Fitting Adapter, 1" MLC Tubing x 1" Copper	10	\$19.75

# Uponor Radiant Heating and Cooling Systems

MLC Press Fitting Manifold Adapter transitions R32 manifold connections to  $\frac{5}{8}$ ",  $\frac{3}{4}$ " and 1" MLC tubing.

**Note:** The Mini-Press Battery Tool or MLC Press Fitting Manual Tool is required.

## MLC Press Fitting Manifold Adapter



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
D4143263	MLC Press Fitting Manifold Straight Adapter, R32 x $\frac{5}{8}$ " MLC Press Fitting	10	\$29.60
D4143275	MLC Press Fitting Manifold Straight Adapter, R32 x $\frac{3}{4}$ " MLC Press Fitting	10	\$27.90
D4143210	MLC Press Fitting Manifold Straight Adapter, R32 x 1" MLC Press Fitting	10	\$28.75
D4153263	MLC Press Fitting Manifold Elbow Adapter, R32 x $\frac{5}{8}$ " MLC Press Fitting	10	\$33.35
D4153275	MLC Press Fitting Manifold Elbow Adapter, R32 x $\frac{3}{4}$ " MLC Press Fitting	10	\$35.00
D4153210	MLC Press Fitting Manifold Elbow Adapter, R32 x 1" MLC Press Fitting	10	\$32.80

MLC Press Fitting Baseboard Elbow connects  $\frac{1}{2}$ ",  $\frac{5}{8}$ " and  $\frac{3}{4}$ " MLC tubing to  $\frac{3}{4}$ " copper baseboard. Fittings come disassembled for sweating.

**Note:** The Mini-Press Battery Tool or MLC Press Fitting Manual Tool is required.

## MLC Press Fitting Baseboard Elbow



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
D4385075	MLC Press Fitting Baseboard Elbow, $\frac{1}{2}$ " MLC Tubing x $\frac{3}{4}$ " Copper Adapter	10	\$28.50
D4386375	MLC Press Fitting Baseboard Elbow, $\frac{5}{8}$ " MLC Tubing x $\frac{3}{4}$ " Copper Adapter	10	\$22.75
D4387575	MLC Press Fitting Baseboard Elbow, $\frac{3}{4}$ " MLC Tubing x $\frac{3}{4}$ " Copper Adapter	10	\$22.30
D4375075	MLC Press Fitting Baseboard Elbow, $\frac{1}{2}$ " MLC Tubing x $\frac{3}{4}$ " Copper Fitting Adapter	10	\$21.60
D4376375	MLC Press Fitting Baseboard Elbow, $\frac{5}{8}$ " MLC Tubing x $\frac{3}{4}$ " Copper Fitting Adapter	10	\$21.60
D4377575	MLC Press Fitting Baseboard Elbow, $\frac{3}{4}$ " MLC Tubing x $\frac{3}{4}$ " Copper Fitting Adapter	10	\$21.60

The MLC Press Fitting Baseboard Tee connects  $\frac{1}{2}$ " and  $\frac{5}{8}$ " MLC tubing to  $\frac{3}{4}$ " copper baseboard. Tee features  $\frac{1}{8}$ " thread for air vent. Fittings come disassembled for soldering.

## MLC Press Fitting Baseboard Tee



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
D4395075	MLC Press Fitting Baseboard Tee, $\frac{1}{2}$ " MLC Tubing x $\frac{3}{4}$ " Copper Adapter with $\frac{1}{8}$ " vent tapping	10	\$22.60
D4396375	MLC Press Fitting Baseboard Tee, $\frac{5}{8}$ " MLC Tubing x $\frac{3}{4}$ " Copper Adapter with $\frac{1}{8}$ " vent tapping	10	\$22.60

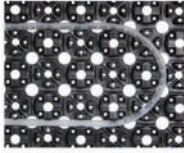


# Uponor Radiant Heating and Cooling Systems

## Heat-transfer Panels and Plates

### Fast Trak™

Fast Trak 0.5



Fast Trak 1.3i



Fast Trak™ is the ideal overpour installation method for remodel and retrofit applications. The preformed knobbed mats make it easy to install Uponor PEX tubing for radiant floor heating applications. Fast Trak 0.5 is only ½" thick, eliminating the need to alter baseboards, moldings or doors. The product is made for 5/16" PEX tubing and features an adhesive backing for easy installation to a slab or subfloor. Fast Trak 1.3i is slightly over 1¼" in height. Fast Trak 1.3i uses 3/8" or ½" PEX tubing and includes insulation already in the mat, eliminating the added time and cost of installing insulation under the tubing. Fast Trak Edge Strips are required to prevent overpour from seeping under the panels and to protect the surrounding substructure from moisture damage and expansion forces.

Part No.	Part Description	Panel Coverage	Pkg. Qty.	List Price/Ea.
A5090313	Fast Trak 0.5	8.3 ft <sup>2</sup> /panel	20	\$27.25
A5090500	Fast Trak 1.3i	12.1 ft <sup>2</sup> /panel	18	\$30.70
A5091000	Fast Trak Edge Strip, 65-ft. roll		10	\$33.80

### Quik Trak® Panel



The ½" x 4' plywood panels are attached to an aluminum heat transfer sheet. Use with 5/16" Wirsbo hePEX tubing only. Uponor's fully assembled set of Quik Trak® panels consist of six panels fastened together with strapping tape. The panels are staggered (2") on both ends to aid alignment.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A5060701	Quik Trak 7" x 48" Panels	10	\$15.65
A5060761	Quik Trak 7" x 48" x 6 Panels (fully assembled set)	1	\$104.80

### Quik Trak Return Panel



Quik Trak Return Panel is designed with a U-shaped groove to complete tubing turns. Each return panel is shipped with a separate aluminum sheet for installation beneath the panel. Use with 5/16" Wirsbo hePEX tubing only.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A5060702	Quik Trak 7" x 48" Return Panels	10	\$22.70

### Quik Trak Combo Panel



Quik Trak Combo Panel simplifies installations when multiple tubing runs are needed in a tight space back to the manifold. Each panel is shipped with a separate aluminum sheet for installation beneath the panel. Use with 5/16" Wirsbo hePEX tubing only.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A5060712	Quik Trak 12" x 48" Combo Panel, 6 runs with return	5	\$47.40
A5060722	Quik Trak 12" x 12" Combo 90, 6 runs	5	\$13.15
A5060732	Quik Trak 7" x 12" Combo Access Panel, 6 runs with 1 access	6	\$12.70

# Uponor Radiant Heating and Cooling Systems

The 1¼" screws are designed specifically for Quik Trak installations using ¾" subfloors.

## Quik Trak Screws

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
E6051250	Quik Trak Screws (1¼"), 2,500/pkg.	1	\$264.95



Quik Trak Sealant is 100% silicone and provides good thermal transfer. Use to adhere 5/16" Wirsbo hePEX tubing in the Quik Trak groove.

## Quik Trak Sealant

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
E6050010	Quik Trak Sealant, 10.3 fluid oz. (300 ml)	24	\$16.55



The Quik Trak Installation Tool Kit is an auto-feed screw system that features labor-saving speed for Quik Trak installations. The easy-to-use screw gun is lightweight and the extension arm reduces fatigue. The kit includes 120VAC screw gun with vertical extension arm, square-head drive screw bits, bit-retrieval tool and hard-sided case.

## Quik Trak Installation Tool Kit

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
E6050000	Quik Trak Installation Tool Kit	1	\$1,264.40
E6050005	Quik Drive Bits and Bit-retrieval Tool (set of 3 square drive bits and 1 bit-retrieval tool)	1	\$29.85



Use Joist Trak™ extruded aluminum heat transfer panels with 3/8" or 1/2" Uponor PEX in floor joist applications. Each panel is 4' x 3½" and comes packaged 20 per box. It provides easy installation, increased heat transfer and superior comfort.

## Joist Trak™ Panel

**Note:** Screws not included.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A5080375	Joist Trak, 3/8" Heat Transfer Panel	20	\$11.90
A5080500	Joist Trak, 1/2" Heat Transfer Panel	20	\$11.90



# Uponor Radiant Heating and Cooling Systems

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## Tools and Accessories

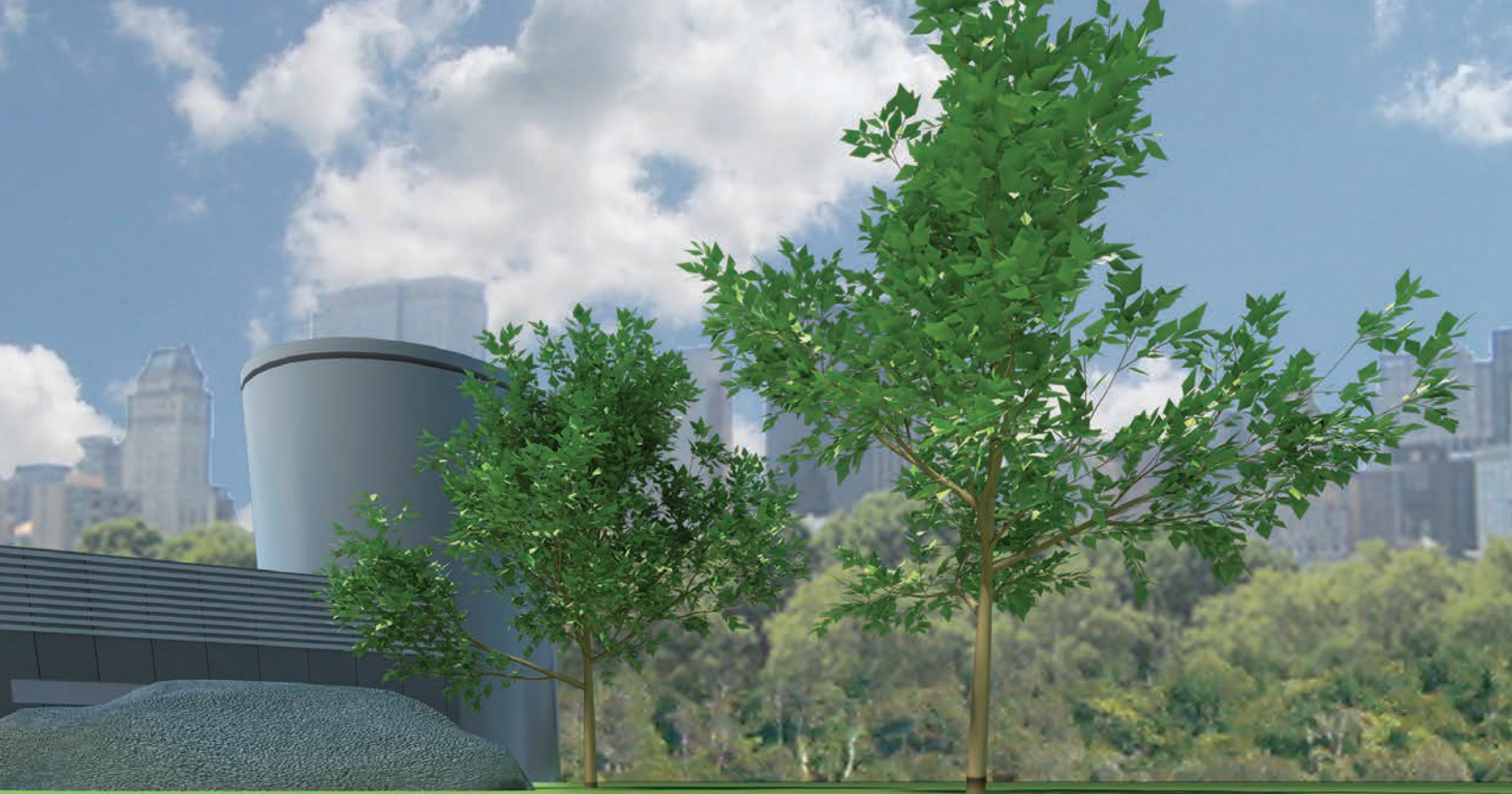
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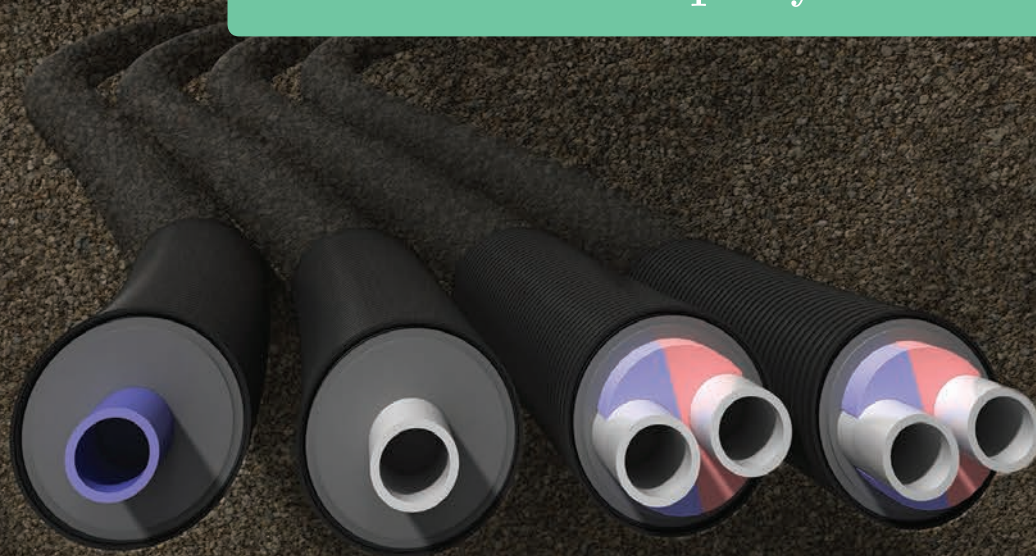
Refer to the following pages for a full listing of tools and accessories.

- Tube Uncoilers: page 119
- Tube Cutters: page 120
- Milwaukee Tools: page 121
- Tools: pages 121-124
- Tubing Supports: pages 125-126
- Fasteners, Fastener Tools and Protectors: pages 127-130





## Pre-insulated Pipe Systems





# Uponor Pre-insulated Pipe Systems

New

## Ecoflex® Custom Manufacturing Products

Uponor is proud to announce the following custom manufacturing products for Ecoflex pre-insulated pipe systems. Please contact Uponor Customer Service at 888.594.7726 for information about the special product request process.

- Custom and longer-than-standard coil lengths
- Custom tubing configurations
  - Varied service pipes
  - Conduit line(s)
  - Freeze protection
  - Tracer wiring
- Alternative applications-based products
  - Biomass/biogas
  - Geothermal
  - Mining, oil and gas industries
  - District energy
  - Chilled water

### Terms and Conditions

- Less than full coils of Ecoflex are subject to a cut charge of \$150 list per coil. Longer coils lengths are also available upon request.
- Uponor fittings and Ethylene Propylene Diene Monomer (EPDM) Rubber End Caps are required at all pipe ends to ensure insulation integrity.

### Freight Policy (U.S. only)

- Ecoflex pre-insulated pipe system shipments are F.O.B. Lakeville, Minn., class 300 freight.
- Standard freight terms apply to Ecoflex accessories and other Uponor products shipping without Ecoflex pipe coils.
- Uponor pays freight for shipping Ecoflex pipe coils. This freight policy applies to shipments of any U.S. sales order with one or more coils of Ecoflex pre-insulated pipe shipping to the contiguous 48 states.

- For shipments outside the contiguous 48 states, Uponor will pay freight to the freight forwarder per the terms of this policy, and the customer will be responsible for additional freight charges.
- Ecoflex freight terms apply to normal shipments with normal delivery times only. Additional charges apply to:
  - Expedited shipments
  - Guaranteed shipments
  - Split shipments

**Note:** Uponor reserves the right to review and modify this policy at any time.

## Ecoflex Uncoiler

The Ecoflex Uncoiler is available to lease for qualified orders. Call Uponor Customer Service at 888.594.7726 for details.





# Uponor Pre-insulated Pipe Systems

## ASTM Ecoflex Thermal

ASTM Ecoflex Thermal is a pre-insulated piping system designed for fluid transfer in heating and cooling applications. Ecoflex Thermal is manufactured with single and twin PEX service pipes. The Wirsbo hePEX service pipes in Ecoflex Thermal piping are manufactured by the Engel-method (PEX-a) process and are listed to ASTM F876 and F877. An oxygen-diffusion barrier extruded onto the service pipe dramatically reduces the amount of oxygen molecules that can migrate through the tubing wall. This oxygen-diffusion barrier protects ferrous components within the fluid pathway from corrosion. The tubing is surrounded by multi-layer, closed-cell, PEX-foam insulation and a water-resistant, corrugated HDPE jacket, making it ideal for direct-burial applications.

Codes: IMC, UMC

Manufacturing Standards: ASTM F876, ASTM F877, CSA B137.5

Product Listings: NSF-rfh, NSF-pw, PEX 5106

**Note:** Use ProPEX Fittings up to 2" or WIPEX Fittings.

ASTM Ecoflex Thermal Single features Wirsbo hePEX tubing, listed to ASTM F876 and F877, and the ProPEX fittings (available up to 2") are listed to ASTM F1960 and F2080.

Part No.	Part Description	List Price/ Ft.	Full Coil Dimension	Full Coil Length	List Price/Coil
5015510	1" Thermal Single with 5.5" Jacket, 600-ft. coil	\$15.60	83" x 53"	600'	\$9,360.00
5015513	1¼" Thermal Single with 5.5" Jacket, 500-ft. coil	\$17.90	83" x 44"	500'	\$8,950.00
5016915	1½" Thermal Single with 6.9" Jacket, 300-ft. coil	\$24.20	78" x 49"	300'	\$7,260.00
5016920	2" Thermal Single with 6.9" Jacket, 300-ft. coil	\$27.70	78" x 49"	300'	\$8,310.00
5016925	2½" Thermal Single with 6.9" Jacket, 300-ft. coil	\$31.50	78" x 49"	300'	\$9,450.00
5017930	3" Thermal Single with 7.9" Jacket, 300-ft. coil	\$40.80	84" x 53"	300'	\$12,240.00
5017935	3½" Thermal Single with 7.9" Jacket, 300-ft. coil	\$45.00	84" x 53"	300'	\$13,500.00
5017940	4" Thermal Single with 7.9" Jacket, 300-ft. coil	\$50.80	86" x 53"	300'	\$15,240.00

### ASTM Ecoflex Thermal Single



Part No.	Part Description	List Price/ Ft.	Full Coil Dimension	Full Coil Length	List Price/Coil
5026910	1" Thermal Twin with 6.9" Jacket, 600-ft. coil	\$21.80	93" x 64"	600'	\$13,080.00
5026913	1¼" Thermal Twin with 6.9" Jacket, 500-ft. coil	\$23.60	93" x 53"	500'	\$11,800.00
5026915	1½" Thermal Twin with 6.9" Jacket, 300-ft. coil	\$30.20	78" x 49"	300'	\$9,060.00
5027920	2" Thermal Twin with 7.9" Jacket, 300-ft. coil	\$43.50	84" x 53"	300'	\$13,050.00
5027925	2½" Thermal Twin with 7.9" Jacket, 300-ft. coil	\$53.90	84" x 53"	300'	\$16,170.00

### ASTM Ecoflex Thermal Twin



# Uponor Pre-insulated Pipe Systems

## ASTM Ecoflex Potable

ASTM Ecoflex Potable HDPE features high-density polyethylene (HDPE) service pipe in ASTM sizes. This pipe is the economical solution for pre-insulated distribution for chilled-water, cooling and low-temperature heating applications. The HDPE service pipe has no oxygen barrier on it and is manufactured in accordance with PE 3408 or PE 3608 or PE 4710, ASTM D3035 or F714 C3, AWWA C901 or C906, and NSF-61 or NSF-pw. The tubing is surrounded by multi-layer, closed-cell, PEX-foam insulation and a water-resistant, corrugated HDPE jacket, making it ideal for direct-burial applications. The HDPE service pipe used in Ecoflex Potable HDPE has the following hydrostatic ratings.

- 140°F at 80 psi
- 120°F at 101 psi
- 100°F at 125 psi
- 73°F at 160 psi

**Note:** ASTM Ecoflex Potable HDPE can use Uponor's selection of HDPE fittings in the Radiant Heating and Cooling Systems section (see page 77). Standard SDR 11 fittings from other manufacturers are also acceptable.

### ASTM Ecoflex Potable HDPE



Part No.	Part Description	List Price/Ft.	Full Coil Dimension	Full Coil Length	List Price/Coil
5115513	1¼" Potable HDPE with 5.5" Jacket, 300-ft. coil	\$16.70	72" x 42"	300'	\$5,010.00
5115515	1½" Potable HDPE with 5.5" Jacket, 300-ft. coil	\$18.40	72" x 42"	300'	\$5,520.00
5115520	2" Potable HDPE with 5.5" Jacket, 300-ft. coil	\$20.60	72" x 42"	300'	\$6,180.00
5116930	3" Potable HDPE with 6.9" Jacket, 300-ft. coil	\$30.80	78" x 49"	300'	\$9,240.00
5117940	4" Potable HDPE with 7.9" Jacket, 300-ft. coil	\$38.30	86" x 53"	300'	\$11,490.00

### ASTM Ecoflex Potable PEX



ASTM Ecoflex Potable PEX Single is a pre-insulated piping system designed for potable-water distribution applications. Ecoflex Potable PEX Single is manufactured with single service pipes. The Uponor AquaPEX service pipes in Ecoflex Potable PEX piping are manufactured by the Engel-method (PEX-a) process and are listed to ASTM F876 and F877. The tubing is surrounded by multi-layer, closed-cell, PEX-foam insulation and a water-resistant, corrugated HDPE jacket, making it ideal for direct-burial applications. Ecoflex Potable PEX uses ProPEX Fittings up to 2" or WIPEX Fittings.

Codes: UPC, IPC, NSPC, NPC of Canada

Manufacturing Standards: ASTM F876, ASTM F877, CSA B137.5

Product Listings: NSF-pw, PEX 5106

Part No.	Part Description	List Price/Ft.	Full Coil Dimension	Full Coil Length	List Price/Coil
5215510	1" Potable PEX with 5.5" Jacket, 600-ft. coil	\$15.60	83" x 53"	600'	\$9,360.00
5215513	1¼" Potable PEX with 5.5" Jacket, 500-ft. coil	\$17.90	83" x 53"	500'	\$8,950.00
5216915	1½" Potable PEX with 6.9" Jacket, 300-ft. coil	\$24.20	78" x 49"	300'	\$7,260.00
5216920	2" Potable PEX with 6.9" Jacket, 300-ft. coil	\$26.90	78" x 49"	300'	\$8,070.00
5217930	3" Potable PEX with 7.9" Jacket, 300-ft. coil	\$40.80	84" x 53"	300'	\$12,240.00

# Uponor Pre-insulated Pipe Systems

## Ecoflex Made-to-order

Uponor now offers a made-to-order Twin option for Ecoflex pre-insulated pipe systems. Ecoflex Potable PEX Twin products are available and made-to-order with a 4-week lead time on standard orders. General terms and conditions apply.

Ideal for hot and cold potable-water applications, ASTM Ecoflex Potable PEX Twin features Uponor AquaPEX (PEX-a) service pipe protected by multi-layer, closed-cell, PEX-foam insulation and covered by a corrugated, water-resistant HDPE jacket. Ecoflex Potable PEX uses ProPEX fittings (up to 2") or WIPEX DZR brass compression fittings.

Codes: UPC, IPC, NSPC, NPC of Canada

Manufacturing Standards: ASTM F876, ASTM F877, CSA B137.5

Product Listings: NSF-pw, PEX 5106

Part No.	Part Description	List Price/ Ft.	Full Coil Dimension	Full Coil Length	List Price/ Coil
5226910	1" Potable PEX Twin with 6.9" Jacket, 600-ft. coil	\$21.80	93" x 64"	600'	\$13,080.00
5226913	1¼" Potable PEX Twin with 6.9" Jacket, 500-ft. coil	\$23.60	93" x 53"	500'	\$11,800.00
5226915	1½" Potable PEX Twin with 6.9" Jacket, 300-ft. coil	\$30.20	78" x 49"	300'	\$9,060.00
5227920	2" Potable PEX Twin with 7.9" Jacket, 300-ft. coil	\$43.50	86" x 53"	300'	\$13,050.00

**ASTM Ecoflex Potable PEX Twin**



## Pre-insulated Tubing

Pre-insulated Uponor AquaPEX tubing features PEX-foam insulation to provide additional efficiency to hot and cold potable-water distribution systems. The tubing insulation can also help meet energy-code requirements. (Check with local authorities regarding energy-code requirements for specific applications.) Refer to the Uponor Pre-insulated AquaPEX Product Guide on [www.uponorpro.com/preinsulated](http://www.uponorpro.com/preinsulated) for R-value and heat-loss information.

Part No.	Part Description	Coils/Pallet	List Price/Ea.
F6040500	½" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	3	\$295.65
F6040750	¾" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	3	\$342.30
F6041000	1" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	5	\$436.85
F6041250	1¼" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	5	\$697.20
F6041500	1½" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	5	\$792.65
F6042000	2" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	5	\$1,352.85

Part No.	Part Description	List Price/Ea.
F6921250	1¼" Pre-insulated Uponor AquaPEX with ½" insulation, 20-ft. straight length, 100 ft.	\$697.20
F6921500	1½" Pre-insulated Uponor AquaPEX with ½" insulation, 20-ft. straight length, 100 ft.	\$792.65
F6922000	2" Pre-insulated Uponor AquaPEX with ½" insulation, 20-ft. straight length, 100 ft.	\$1,352.85

**Pre-insulated Uponor AquaPEX Tubing Coil — White**



**Pre-insulated Uponor AquaPEX Tubing Straight Length — White**



# Uponor Pre-insulated Pipe Systems

## Fittings

### ASTM WIPEX Fittings



WIPEX dezincification-resistant (DZR) brass compression fittings transition PEX service pipe to a male NPT thread for a watertight, leak-resistant system.

**Note:** NSF 14 and 61 approved.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
5550010	WIPEX Fitting 1" PEX x 1" NPT	1	\$47.20
5550013	WIPEX Fitting 1¼" PEX x 1¼" NPT	1	\$51.10
5550015	WIPEX Fitting 1½" PEX x 1½" NPT	1	\$65.50
5550020	WIPEX Fitting 2" PEX x 2" NPT	1	\$91.80
5550025	WIPEX Fitting 2½" x 2" NPT	1	\$113.50
5550030	WIPEX Fitting 3" x 2½" NPT	1	\$231.45
5550035	WIPEX Fitting 3½" x 3" NPT	1	\$269.90
5550040	WIPEX Fitting 4" x 4" NPT	1	\$335.35

### WIPEX Sleeve Pliers



WIPEX Sleeve Pliers quickly and easily install Uponor's WIPEX Fittings.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
5550101	WIPEX Sleeve Pliers 1"-1½"	1	\$64.10
5550102	WIPEX Sleeve Pliers 1½"-3½"	1	\$71.15
5550103	WIPEX Sleeve Pliers 3½"-4"	1	\$114.55

### ProPEX Fittings

See the Radiant Heating and Cooling Systems section, pages 89-98, for an assortment of ProPEX fittings that are compatible with ASTM Ecoflex Thermal and ASTM Ecoflex Potable PEX products.

#### Engineered Polymer (EP)



#### Lead-free Brass or Brass



# Uponor Pre-insulated Pipe Systems

## Rubber End Caps

EPDM Rubber End Caps seal the exposed insulation between the jacket and service pipe after the pipe is cut to make a connection. Each end cap includes a stainless-steel clamp and an EPDM rubber O-ring.

**Note:** Uponor requires end caps at all ends of the piping system to ensure system integrity.

ASTM Single EPDM End Caps are used with ASTM Ecoflex Thermal Single, ASTM Ecoflex Potable HDPE and ASTM Ecoflex Potable PEX Single.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
5855513	End Cap, 1" and 1¼" PEX Pipe with 5.5" Jacket	1	\$69.00
5855520	End Cap, 1¼", 1½" and 2" HDPE Pipe with 5.5" Jacket	1	\$75.00
5856930	End Cap, 1½", 2", 2½" PEX and 3" HDPE Pipe with 6.9" Jacket	1	\$82.50
5857940	End Cap 3, 3½, 4" PEX and 4" HDPE pipe, 7.9" Jacket	1	\$93.00

### ASTM Single EPDM Rubber End Cap



ASTM Twin EPDM End Caps are used with ASTM Ecoflex Thermal Twin and ASTM Ecoflex Potable PEX Twin.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
5956915	Twin End Cap, 1", 1¼" and 1½" PEX Pipe with 6.9" Jacket	1	\$95.00
5957925	Twin End Cap, 2" and 2½" PEX Pipe with 7.9" Jacket	1	\$109.20

### ASTM Twin EPDM Rubber End Cap



## Accessories

Connection Vault provides a fully watertight, insulated enclosure for multiple straight-through and branch connections. Buried underground, a Connection Vault allows the system designer to virtually eliminate all branch connections typical of traditional underground system design. Step-down outlets are compatible with the majority of Ecoflex piping.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
1018326	Ecoflex Connection Vault, 6 outlet	1	\$1,555.55
1018327	Ecoflex Connection Vault, 8 outlet	1	\$1,825.20

### Connection Vault



Shrink Sleeve ensures a watertight seal between the Ecoflex pipe and the exterior of the Connection Vault. Shrink Sleeve may also repair minor damage to the corrugated HPDE jacket of Ecoflex pipe.

**Note:** Refer to the Pre-insulated Pipe Systems Design and Installation Manual for installation and repair procedures.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
1018379	Vault Shrink Sleeve for 5.5" Jacket	1	\$65.60
1018380	Vault Shrink Sleeve for 6.9" Jacket	1	\$74.80
1018381	Vault Shrink Sleeve for 7.9" Jacket	1	\$77.05

### Shrink Sleeve for Connection Vault





# Uponor Pre-insulated Pipe Systems

## Shrinkable Repair Tape



Uponor Shrinkable Tape repairs minor damage to the corrugated HPDE jacket of Ecoflex pipe.

**Note:** Refer to the Pre-insulated Pipe Systems Design and Installation Manual for installation and repair procedures.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
1018378	Uponor Shrinkable Tape 10" x 9' roll	1	\$115.85

## Insulation Kits

All Pre-insulated Pipe Systems Insulation Kits make insulated connections of single or twin-style Ecoflex pre-insulated pipe with a jacket size of 5.5", 6.9" and 7.9". The kits feature two shells, stainless-steel bolts, plastic pins and joint-sealing compound.

**Note:** Uponor fittings and EPDM Rubber End Caps are required at all ends of the piping system to ensure system integrity.

### Straight Insulation Kit



The Straight Insulation Kit makes an insulated straight connection of single or twin-style Ecoflex pre-insulated pipe.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
1021992	Straight Insulation Kit, 5.5", 6.9", 7.9"	1	\$566.80

### Elbow Insulation Kit



The Elbow Insulation Kit makes an insulated elbow connection of single or twin-style Ecoflex pre-insulated pipe.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
1021991	Elbow Insulation Kit, 5.5", 6.9", 7.9"	1	\$582.40

### Tee Insulation Kit



The Tee Insulation Kit makes an insulated tee connection of single or twin-style Ecoflex pre-insulated pipe.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
1021990	Tee Insulation Kit, 5.5", 6.9", 7.9"	1	\$665.60

### H-Insulation Kit



The H-Insulation Kit allows for several options of insulated connections between four or five branches of single and twin-style Ecoflex pre-insulated pipe.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
1007355	H-Insulation Kit, 5.5", 6.9", 7.9"	1	\$1,034.80

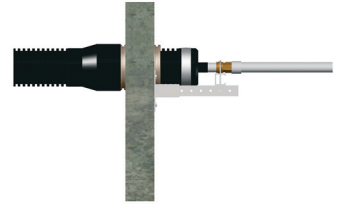
# Uponor Pre-insulated Pipe Systems

## Wall-penetration Accessories

The Wall Sleeve with Heat Shrink Seal Kit offers a simple installation for new-block construction or an existing wall with an irregular hole. The Wall Sleeve is not engineered for specific bearing loads, but offered for installation convenience and compatibility.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
1018269	Wall Sleeve with Heat Shrink for 5.5" Jacket	1	\$214.30
1018270	Wall Sleeve with Heat Shrink for 6.9" Jacket	1	\$218.60
1018268	Wall Sleeve with Heat Shrink for 7.9" Jacket	1	\$239.60

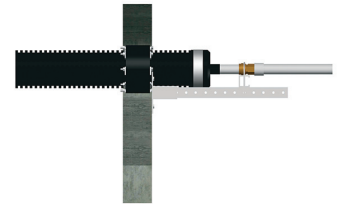
### Wall Sleeve with Heat Shrink Seal Kit



The Compression Wall Seal is used with the Wall Sleeve or used alone where a field core drill is preferred. The required core drill size is specified in the table below.

Part No.	Part Description	Core Drill	Pkg. Qty.	List Price/Ea.
1007360	Compression Wall Seal for 5.5" Jacket	8"	1	\$285.90
1007361	Compression Wall Seal for 6.9" Jacket	10"	1	\$343.10
1007362	Compression Wall Seal for 7.9" Jacket	10"	1	\$367.40

### Compression Wall Seal



The Wall Sleeve is used with the Compression Wall Seal or Heat Shrink Seal Kit for new concrete walls. The Wall Sleeve can be field cut for proper fit within concrete forms. The Wall Sleeve is not engineered for specific bearing loads, but offered for installation convenience and compatibility.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
1007365	Wall Sleeve for 5.5" Jacket	1	\$77.90
1007366	Wall Sleeve for 6.9" and 7.9" Jacket	1	\$124.05

### Wall Sleeve



◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final. See the alphanumeric on pages 131-154 for a listing of alternative part numbers.

# Uponor Pre-insulated Pipe Systems



## ASTM Accessory Applications Chart

Pre-insulated Pipe Systems

Part Number	Service Pipe	Jacket Size	WIPEX Fitting	Rubber End Cap	Tee	Straight	Elbow	Compression Wall Seal	Wall Sleeve	Wall Sleeve Kit
<b>Thermal Single</b>										
5015510	1"	5.5"	5550010	5855513	1021990	1021992	1021991	1007360	1007365	1018269
5015513	1¼"	5.5"	5550013	5855513	1021990	1021992	1021991	1007360	1007365	1018269
5016915	1½"	6.9"	5550015	5856930	1021990	1021992	1021991	1007361	1007366	1018268
5016920	2"	6.9"	5550020	5856930	1021990	1021992	1021991	1007361	1007366	1018268
5016925	2½"	6.9"	5550025	5856930	1021990	1021992	1021991	1007361	1007366	1018268
5017930	3"	7.9"	5550030	5857940	1021990	1021992	1021991	1007362	1007366	1018268
5017935	3½"	7.9"	5550035	5857940	1021990	1021992	1021991	1007362	1007366	1018268
5017940	4"	7.9"	5550040	5857940	1021990	1021992	1021991	1007362	1007366	1018268
<b>Thermal Twin</b>										
5026910	1"	6.9"	5550010	5956915	1021990	1021992	1021991	1007361	1007366	1018268
5026913	1¼"	6.9"	5550013	5956915	1021990	1021992	1021991	1007361	1007366	1018268
5026915	1½"	6.9"	5550015	5956915	1021990	1021992	1021991	1007361	1007366	1018268
5027920	2"	7.9"	5550020	5957925	1021990	1021992	1021991	1007362	1007366	1018268
5027925	2½"	7.9"	5550025	5957925	1021990	1021992	1021991	1007362	1007366	1018268
<b>Potable PEX</b>										
5215510	1"	5.5"	5550010	5855513	1021990	1021992	1021991	1007360	1007365	1018269
5215513	1¼"	5.5"	5550013	5855513	1021990	1021992	1021991	1007360	1007365	1018269
5216915	1½"	6.9"	5550015	5856930	1021990	1021992	1021991	1007361	1007366	1018268
5216920	2"	6.9"	5550020	5856930	1021990	1021992	1021991	1007361	1007366	1018268
5217930	3"	7.9"	5550030	5857940	1021990	1021992	1021991	1007362	1007366	1018268
<b>Potable HDPE</b>										
5115513	1¼"	5.5"	N/A	5855520	1021990	1021992	1021991	1007360	1007365	1018269
5115515	1½"	5.5"	N/A	5855520	1021990	1021992	1021991	1007360	1007365	1018269
5115520	2"	5.5"	N/A	5855520	1021990	1021992	1021991	1007360	1007365	1018269
5116930	3"	6.9"	N/A	5856930	1021990	1021992	1021991	1007361	1007366	1018268
5117940	4"	7.9"	N/A	5857940	1021990	1021992	1021991	1007362	1007366	1018268

# Uponor Pre-insulated Pipe Systems

## ASTM Weights and Dimensions Chart

Part Number	Service Pipe	Jacket	Coil Length	Coil Diameter	Coil Width	Coil Weight	Weight Per Foot
<b>Thermal Single</b>							
5015510	1"	5.5"	600'	83"	53"	480 lbs.	0.80 lbs.
5015513	1¼"	5.5"	500'	83"	44"	400 lbs.	0.80 lbs.
5016915	1½"	6.9"	300'	78"	49"	438 lbs.	1.46 lbs.
5016920	2"	6.9"	300'	78"	49"	525 lbs.	1.75 lbs.
5016925	2½"	6.9"	300'	78"	49"	591 lbs.	1.97 lbs.
5017930	3"	7.9"	300'	84"	53"	840 lbs.	2.80 lbs.
5017935	3½"	7.9"	300'	84"	53"	894 lbs.	2.98 lbs.
5017940	4"	7.9"	300'	86"	53"	1,110 lbs.	3.70 lbs.
<b>Thermal Twin</b>							
5026910	1"	6.9"	600'	93"	64"	922 lbs.	1.54 lbs.
5026913	1¼"	6.9"	500'	93"	53"	853 lbs.	1.71 lbs.
5026915	1½"	6.9"	300'	78"	49"	555 lbs.	1.55 lbs.
5027920	2"	7.9"	300'	84"	53"	804 lbs.	2.68 lbs.
5027925	2½"	7.9"	300'	84"	53"	1,020 lbs.	3.40 lbs.
<b>Potable HDPE</b>							
5115513	1¼"	5.5"	300'	72"	42"	300 lbs.	1.00 lbs.
5115515	1½"	5.5"	300'	72"	42"	300 lbs.	1.00 lbs.
5115520	2"	5.5"	300'	72"	42"	420 lbs.	1.40 lbs.
5116930	3"	6.9"	300'	78"	49"	720 lbs.	2.40 lbs.
5117940	4"	7.9"	300'	86"	53"	1,080 lbs.	3.60 lbs.
<b>Potable PEX Single</b>							
5215510	1"	5.5"	600'	83"	53"	480 lbs.	0.80 lbs.
5215513	1¼"	5.5"	500'	83"	44"	400 lbs.	0.80 lbs.
5216915	1½"	6.9"	300'	78"	49"	438 lbs.	1.46 lbs.
5216920	2"	6.9"	300'	78"	49"	525 lbs.	1.75 lbs.
5217930	3"	7.9"	300'	84"	53"	840 lbs.	2.80 lbs.
<b>Potable PEX Twin</b>							
5226910	1"	6.9"	600'	93"	64"	922 lbs.	1.54 lbs.
5226913	1¼"	6.9"	500'	93"	53"	853 lbs.	1.71 lbs.
5226915	1½"	6.9"	300'	78"	49"	555 lbs.	1.55 lbs.
5227920	2"	7.9"	300'	84"	53"	804 lbs.	2.68 lbs.

# Uponor Pre-insulated Pipe Systems

## Ecoflex Pre-insulated Pipe Systems Reference Chart

ASTM PEX								
Potable PEX	5215510	5215513	5216915	5216920		5217930		
Potable PEX Twin	5226910	5226913	5226915	5227920				
Thermal Twin	5026910	5026913	5026915	5027920	5027925			
Thermal Single	5015510	5015513	5016915	5016920	5016925	5017930	5017935	5017940
Pipe Dimension	1"	1¼"	1½"	2"	2½"	3"	3½"	4"
OD (inch)	1.125	1.375	1.625	2.125	2.625	3.125	3.625	4.125
Wall thickness	0.125	0.153	0.181	0.236	0.292	0.347	0.403	0.458
Tolerance	0.013	0.015	0.019	0.024	0.030	0.033	0.035	0.040
ID (inch)	0.862	1.054	1.244	1.629	2.011	2.398	2.784	3.169

ASTM HDPE								
Potable HDPE	5112708	5112710	5115513	5115515	5115520		5116930	5117940
Pipe Dimension	¾"	1"	1¼"	1½"	2"		3"	4"
OD (inch)	1.050	1.315	1.660	1.900	2.375		3.500	4.500
Wall thickness	0.095	0.12	0.151	0.173	0.216		0.318	0.409
ID (inch)	0.86	1.075	1.358	1.554	1.943		2.86	3.68

## Tools and Accessories



Refer to the following pages for a full listing of tools and accessories.

- Tube Uncoilers: page 119
- Tube Cutters: page 120
- Milwaukee Tools: page 121
- Tools: pages 121-124
- Tubing Supports: pages 125-126
- Fasteners, Fastener Tools and Protectors: pages 127-130



## Tube Uncoilers

The Select Uncoiler facilitates the uncoiling of 5/16" to 1" Uponor PEX or up to 5/8" MLC tubing. The robust construction features an adjustable reel to allow for either horizontal or vertical position uncoiling. The durable wheels make for easy portability, and the uncoiler is equipped with a tubing-feed eyelet.

**Note:** Due to large coil inside diameters, the Select Uncoiler cannot support 1,000' coils of 5/8" and larger MLC tubing.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
E6062000	Select Uncoiler	1	\$1,835.14

### Select Uncoiler



The Compact Select Uncoiler facilitates the uncoiling of 5/16" to 1" Uponor PEX or MLC tubing. The entire 65-pound unit conveniently collapses into its own heavy-duty, compact carrying case, allowing for quick and efficient transport of the uncoiler as well as easy storage when not in use.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
E6063000	Compact Select Uncoiler	1	\$1,362.06

### Compact Select Uncoiler



The easy-to-assemble Tube Uncoiler facilitates the uncoiling of 5/16" to 1" Uponor PEX tubing. Weighted arms hold tubing in place while uncoiling. Eyelet keeps tubing from tangling. Base is collapsible. No additional hardware is necessary for attaching arms.

**Note:** Upon assembly, install the guide pin on the swivel arm to keep the arm in place.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
E6061000	Tube Uncoiler	1	\$512.35

### Tube Uncoiler



# Tube Handling

## Tube Cutters

### Tube Cutter



Metal Tube Cutter cuts up to 1" PEX tubing. Plastic Tube Cutter cuts up to 1" PEX or 3/4" MLC tubing.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
E6081125	Tube Cutter (metal) for up to 1" PEX	1	\$41.11
E6081140	Tube Cutter Replacement Blade for E6081125, spare part	1	\$16.85
E6081128	Tube Cutter (plastic) for up to 1" PEX and 3/4" MLC Tubing	1	\$33.71
E6081143	Tube Cutter Replacement Blade for E6081128, spare part	1	\$24.10

### Ratchet-style Tube Cutter



Ratchet-style PEX Tube Cutter cuts up to 1" PEX and MLC tubing. Ratchet-style Large Dimension Tube Cutter cuts 1" to 2" PEX and 1" MLC tubing.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
E6081501	Ratchet-style Tube Cutter for up to 1", PEX and MLC Tubing	1	\$38.35
E6081545	Tube Cutter Replacement Blade for E6081501, spare part	1	\$17.95
E6081544	Tube Cutter Replacement Blade for E6081500, spare part	1	\$18.85
E6082000	Ratchet-style Large Dimension Tube Cutter for 1" to 2" PEX and 1" MLC Tubing	1	\$288.96
E6082001	Tube Cutter Replacement Blade for E6082000, spare part	1	\$83.21

## ProPEX Tools and Accessories

The Milwaukee M12 ProPEX Expansion Tool offers continuous expansions for maximum install speed, has a compact, right-angle design for use in tight spaces, and features an auto-rotating head for convenient, single-handed operation for expanding  $\frac{3}{8}$ " to 1" tubing sizes. The kit includes the Milwaukee M12 ProPEX Expansion tool; two (2) M12 lithium-ion batteries; a 30-minute charger;  $\frac{1}{2}$ ",  $\frac{3}{4}$ " and 1" expansion heads; grease; and a carrying case.

**Note:** All standard Uponor Expander Heads are compatible with the M12 and M18 tools. Uponor expander heads will not auto-rotate on the Milwaukee tools (only Milwaukee expansion heads will auto-rotate on the M12 and M18). H-heads are not compatible with Milwaukee tools and Milwaukee heads are not compatible with Uponor tools. Milwaukee heads are easily distinguished by color coding and the Milwaukee logo.

Purchase Milwaukee ProPEX Expansion Tools for use with Uponor systems by contacting Milwaukee at 800.729.3878 or visiting [www.milwaukeetool.com](http://www.milwaukeetool.com) and entering "ProPEX" in the search window.

Model No.	Part Description	Retail Price
2432-20	Milwaukee M12 ProPEX Expansion Tool	Contact Your Milwaukee Distributor
2432-22	Milwaukee M12 ProPEX Expansion Tool Kit	Contact Your Milwaukee Distributor

### Milwaukee M12 ProPEX Expansion Tool



The Milwaukee M18 ProPEX Expansion Tool offers continuous expansions for maximum install speed, has magnesium construction for jobsite durability, and features an auto-rotating head for convenient, single-handed operation for expanding  $\frac{3}{8}$ " to 1 $\frac{1}{2}$ " tubing sizes. The kit includes the Milwaukee M18 ProPEX Expansion tool; two (2) M18 CP lithium-ion batteries; a 30-minute charger; 1", 1 $\frac{1}{4}$ " and 1 $\frac{1}{2}$ " expansion heads; grease; and a carrying case.

**Note:** All standard Uponor Expander Heads are compatible with the M12 and M18 tools. Uponor expander heads will not auto-rotate on the Milwaukee tools (only Milwaukee expansion heads will auto-rotate on the M12 and M18). H-heads are not compatible with Milwaukee tools and Milwaukee heads are not compatible with Uponor tools. Milwaukee heads are easily distinguished by color coding and the Milwaukee logo.

Purchase Milwaukee ProPEX Expansion Tools for use with Uponor systems by contacting Milwaukee at 800.729.3878 or visiting [www.milwaukeetool.com](http://www.milwaukeetool.com) and entering "ProPEX" in the search window.

Model No.	Part Description	Retail Price
2632-20	Milwaukee M18 ProPEX Expansion Tool	Contact Your Milwaukee Distributor
2632-22	Milwaukee M18 ProPEX Expansion Tool Kit	Contact Your Milwaukee Distributor

### Milwaukee M18 ProPEX Expansion Tool



The Uponor ProPEX 201 Corded Expander Tool meets the need for reliable, cost-effective solutions to commercial-sized 2" PEX installations. This 110-volt, electro-hydraulic tool makes fast, easy connections for 2" Uponor PEX tubing. The ProPEX 201 Corded Expander Tool uses the same 2" H-series expander heads currently in use with other Uponor tools.

**Note:** ProPEX 201 Corded Expander Tool Kit includes 2" head.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q6272000	ProPEX 201 Corded Expander Tool Kit	1	\$5,876.75
Q6272002	ProPEX 201 Case, replacement part	1	\$533.75
Q6282000*	2" H-series ProPEX Expander Head	1	\$542.80

\*Indicates head can only be used with a 2" tool (Q6262000 or Q6272000)

### ProPEX 201 Corded Expander Tool Kit



# Tools and Accessories

## ProPEX Auto Rotation Adapter



Designed to use with all standard expander tools and standard expander heads ( $\frac{3}{8}$ " to 1"), the ProPEX Auto Rotation Adapter eliminates the need to rotate the tubing when making ProPEX connections.

**Note:** The ProPEX Auto Rotation Adapter is not compatible with the ProPEX 200 Battery Expander Tool or H-series Expander Heads.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q6323810	ProPEX Auto Rotation Adapter	1	\$328.00

## ProPEX Hand Expander Tool Kit



The ProPEX Hand (Manual) Expander Tool Kit includes  $\frac{1}{2}$ ",  $\frac{3}{4}$ " and 1" heads, tool lubricant and a sturdy carrying case.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q6295075	ProPEX Hand Expander Tool Kit	1	\$743.65

## ProPEX Hand Expander Tool



The ProPEX Hand (Manual) Expander Tool features rugged, tool-hardened cones and an ergonomic handle designed for use on  $\frac{3}{8}$ " to 1" ProPEX connections.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q6275075	ProPEX Hand Expander Tool only (with case)	1	\$319.80

## Graphite Grease



Graphite Grease lubricates ProPEX Expander Tool cones.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q5590028	Graphite Grease for ProPEX Tools, spare part	1	\$43.45

## Replacement Head for Hand Expander Tool and ProPEX 150 Expander Tool



The standard Expander Heads are used on ProPEX 150 and Hand Expander Tools.

Part No.	Part Description	List Price/Ea.
Q6310375	$\frac{3}{8}$ " ProPEX Expander Head	\$144.55
Q6310500	$\frac{1}{2}$ " ProPEX Expander Head	\$131.45
Q6310750	$\frac{3}{4}$ " ProPEX Expander Head	\$131.45
Q6311000	1" ProPEX Expander Head	\$131.45

For status updates or general information and questions, contact Uponor Customer Service toll free at 888.594.7726 or [tooldepot@uponor.com](mailto:tooldepot@uponor.com).

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final. See the alphanumeric on pages 131-154 for a listing of alternative part numbers.

## MLC Press Fitting Tools and Accessories

The Mini-Press Battery Tool is an electro-hydraulic press fitting tool that makes fast, easy connections to 1/2" through 1" Uponor MLC tubing. The tool kit with jaws includes one battery, one charger and press jaws for 1/2", 5/8", 3/4" and 1" tubing. The tool kit without jaws includes two batteries and one charger.

### Mini-Press Battery Tool and Accessories



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
D6260000	Mini-Press Battery Tool Kit (No Jaws)	1	\$3,513.10
D6261632	Mini-Press Battery Tool Kit (With Jaws)	1	\$6,443.25
D6260001	Mini-Press Tool Battery 9.6V, replacement part	1	\$353.95
D6260002	Mini-Press Tool Battery Charger, replacement part	1	\$348.25
D6260500	1/2" Press Jaw for Mini-Press Battery Tool	1	\$442.25
D6260625	5/8" Press Jaw for Mini-Press Battery Tool	1	\$417.15
D6260750	3/4" Press Jaw for Mini-Press Battery Tool	1	\$509.90
D6261000	1" Press Jaw for Mini-Press Battery Tool	1	\$481.75

MLC Press Fitting Manual Tool makes 1/2" and 5/8" MLC Press fittings. Kit includes manual press tool, 1/2" and 5/8" inserts and a carrying case.

### MLC Press Fitting Manual Tool



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
D6275063	MLC Press Fitting Manual Tool Kit	1	\$1,438.75
D6270500	1/2" Replacement Insert for MLC Press Fitting Manual Press Tool	1	\$384.40
D6270625	5/8" Replacement Insert for MLC Press Fitting Manual Press Tool	1	\$354.65

The MLC Tubing T-handle Chamfering Tool bevels the ends of 1/2", 5/8", 3/4" and 1" MLC tubing in preparation for making a fitting connection. The T-handle is removable to use the tool with a drill for multiple chamfering.

### MLC Tubing T-handle Chamfering Tool



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
D6100500	1/2" MLC Tubing T-handle Chamfering Tool	1	\$61.60
D6100625	5/8" MLC Tubing T-handle Chamfering Tool	1	\$63.65
D6100750	3/4" MLC Tubing T-handle Chamfering Tool	1	\$78.55
D6101000	1" MLC Tubing T-handle Chamfering Tool	1	\$113.60



# Tools and Accessories

## MLC Tubing Three-way Chamfering Tool



The MLC Tubing Three-way Chamfering Tool levels the end of 1/2", 5/8" and 3/4" MLC tubing in preparation for making a fitting connection. The side of the tool marks the tubing for the correct insert depth.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
D6105063	MLC Tubing Three-way Chamfering Tool, 1/2", 5/8" and 3/4"	1	\$90.30

## MLC Tubing Bending Tool



The MLC Tubing Bending Tool allows for more precise, tighter bending radius than manual bends.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
D6165010	MLC Tubing Bending Tool (up to 1" tubing)	1	\$1,059.50

## Other Tools

### Service Wrench



Service Wrench features a lightweight, compact design. Use the 1 3/16" service wrench to tighten QS-style fitting assemblies to the manifolds. Use the TruFLOW service wrench, 46mm, to tighten manifold union nuts.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
E6111188	1 3/16" Service Wrench	1	\$77.10
E6110046	TruFLOW Service Wrench, 46mm (1 7/8")	1	\$178.15

### Quik Trak Installation Tool Kit



The Quik Trak Installation Tool Kit is an auto-feed screw system that features labor-saving speed for Quik Trak installations. The easy-to-use screw gun is lightweight and the extension arm reduces fatigue. The kit includes 120VAC screw gun with vertical extension arm, square-head drive screw bits, bit-retrieval tool and hard-sided case.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
E6050000	Quik Trak Installation Tool Kit	1	\$1,264.40
E6050005	Quik Drive Bits and Bit-retrieval Tool (set of 3 square drive bits and 1 bit-retrieval tool)	1	\$29.85

## Tubing Supports

Uponor PEX-a Pipe Support is available in ½" to 2" sizes for suspended piping applications in commercial plumbing and hydronic distribution systems, enabling hanger spacing equal to that of copper.

### PEX-a Pipe Support

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
<b>NEW</b> F7040500	½" PEX-a Pipe Support, 9-ft. length	5	\$16.75
<b>NEW</b> F7040750	¾" PEX-a Pipe Support, 9-ft. length	5	\$19.95
<b>NEW</b> F7041000	1" PEX-a Pipe Support, 9-ft. length	5	\$23.55
<b>NEW</b> F7041250	1¼" PEX-a Pipe Support, 9-ft. length	5	\$27.15
<b>NEW</b> F7041500	1½" PEX-a Pipe Support, 9-ft. length	5	\$32.40
<b>NEW</b> F7042000	2" PEX-a Pipe Support, 9-ft. length	5	\$35.60



Plastic Bend Support (glass-reinforced nylon) provides a rigid, 90-degree bend and sleeve for ⅜", ½" and ¾" Uponor PEX tubing. The ½" bend support works with PEX Wall Support Bracket (A5750500).

### Plastic Bend Support

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A5150375	⅜" Plastic Bend Support	25	\$1.58
A5250500	½" Plastic Bend Support	25	\$1.60
A5150750	¾" Plastic Bend Support	50	\$3.73



Metal Bend Support (zinc-plated) provides a rigid, 90-degree bend for ⅜", ½", ⅝" and ¾" Uponor PEX tubing.

### Metal Bend Support

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A5110375	⅜" Metal Bend Support	50	\$3.36
A5110500	½" Metal Bend Support	50	\$3.26
A5110625	⅝" Metal Bend Support	50	\$4.41
A5110750	¾" Metal Bend Support	25	\$5.99



PVC Bend Support provides a rigid, 90-degree bend and sleeve for ⅜", ½", ⅝", ¾" and 1" Uponor PEX tubing runs exiting a concrete slab.

### PVC Bend Support

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A5500500	¾" PVC Elbow for ⅜" and ½" PEX Bend Support	25	\$3.20
A5500625	1" PVC Elbow for ⅝" PEX Bend Support	25	\$4.73
A5500750	1¼" PVC Elbow for ¾" PEX Bend Support	20	\$9.40
A5501000	1½" PVC Elbow for 1" PEX Bend Support	25	\$10.34



Plastic Drop Ear Bend Support (glass-reinforced nylon) provides a rigid, 90-degree bend and connection-free stub out from a stud wall or floor for ⅜" or ½" Uponor AquaPEX tubing.

### Plastic Drop Ear Bend Support

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
F5200375	⅜" Plastic Drop Ear Bend Support	25	\$3.25
F5200500	½" Plastic Drop Ear Bend Support	25	\$3.15



# Tubing Supports

## Metal Drop Ear Bend Support



Metal Drop Ear Bend Support (zinc-plated) provides a rigid, 90-degree bend and connection-free stub out from a stud wall or floor for  $\frac{3}{8}$ " or  $\frac{1}{2}$ " Uponor AquaPEX tubing.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
F5120375	$\frac{3}{8}$ " Metal Drop Ear Bend Support	25	\$8.05
F5120500	$\frac{1}{2}$ " Metal Drop Ear Bend Support	25	\$8.40

## Straight-through Support



Straight-through Support (zinc-plated) provides rigid straight-through support for  $\frac{1}{2}$ " Uponor AquaPEX tubing as it exits a floor.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
F5140500	$\frac{1}{2}$ " Metal Straight-through Support	25	\$11.20

## PEX Wall Support Bracket



PEX Wall Support Bracket provides rigid, straight-through support for  $\frac{1}{2}$ " or  $\frac{3}{4}$ " Uponor AquaPEX tubing and  $\frac{1}{2}$ " copper stubs. It features fixed, 2" on-center spacing, and allows the  $\frac{1}{2}$ " Plastic Bend Support to snap into place for  $\frac{1}{2}$ " Uponor AquaPEX tubing as it exits a wall. Bracket works with  $\frac{1}{2}$ " Plastic Bend Support (A5250500).

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A5750500	PEX Wall Support Bracket, $\frac{1}{2}$ " and $\frac{3}{4}$ "	25	\$5.85
A5250500	$\frac{1}{2}$ " Plastic Bend Support	25	\$1.60

## PEX Stand-up Bracket



PEX Stand-up Bracket is used in residential slab or commercial multi-floor construction. Secure the bracket to the deck form. Then install the  $\frac{1}{2}$ " PEX tubing in the bracket, either with the  $\frac{1}{2}$ " PEX tubing alone or the  $\frac{1}{2}$ " PEX tubing sleeved inside a corrugated polyethylene carrier tube. The brackets are available in either single- or five-tube configurations.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
F5801000	Single-tube PEX Stand-up Bracket for $\frac{1}{2}$ " PEX	60	\$13.65
F5805000	Five-tube PEX Stand-up Bracket for $\frac{1}{2}$ " PEX	16	\$49.35

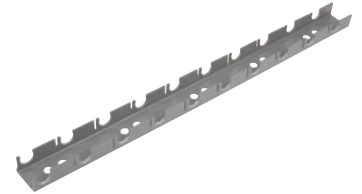
## Fasteners and Fastener Tools

Plastic PEX Rail secures Uponor PEX tubing products to metal and wood-support structures.

**Note:** Suitable fastening hardware is required (not included).

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A5700500	1/2" PEX Rail, 6.5 ft.	16	\$11.81
A5700625	5/8" PEX Rail, 6.5 ft.	16	\$12.20
A5700750	3/4" PEX Rail, 6.5 ft.	16	\$17.85

### PEX Rail



The Protective Tubing Cap is intended to protect the tubing from debris during the installation phase. Easily installed on and removed from the tubing terminations, they are not for permanent application. Do not use for pressure testing.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
F4350500	1/2" Protective Tubing Cap	50	\$0.55
F4350625	5/8" Protective Tubing Cap	50	\$0.55
F4350750	3/4" Protective Tubing Cap	50	\$1.05
F4351000	1" Protective Tubing Cap	50	\$1.15

### Protective Tubing Cap



The PEX Clip provides excellent holding power, the 3/8" and 1/2" can attach together laterally for tight installations. The PEX Clip is attached under the wood subfloor for joist-heating applications. The clip prevents the tubing from coming in direct contact with the subfloor, eliminating the possibility of creating uncomfortable hot spots on the floor above. Drywall screws are commonly used to secure the clips to the wood subfloor.

**Note:** Select a screw length so it does not penetrate entirely through the wood subfloor once installed.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
F7060375	3/8" PEX Clip, 100/pkg.	1	\$95.65
F7051258	1/2" PEX Clip, 100/pkg.	1	\$95.65
F7057500	3/4" PEX Clip, 100/pkg.	1	\$244.35
F7051001	1" PEX Clip, 50/pkg.	1	\$144.70

### PEX Clip



Tube Talon secures 3/8", 1/2", 5/8", 3/4" and 1" Uponor PEX tubing products. Fasteners are included.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
F7050375	Tube Talon (3/8" PEX), 100/pkg.	1	\$29.05
F7050750	Tube Talon (1/2", 5/8", 3/4" PEX), 100/pkg.	1	\$25.35
F7051000	Tube Talon (1" PEX), 50/pkg.	1	\$31.50

### Tube Talon



# Fasteners and Fastener Tools

## Tube Clamp



Tube Clamps secure 1/2" and 3/4" Uponor PEX tubing products.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A7250500	Tube Clamp Suspension (1/2" PEX), 100/pkg.	1	\$47.35
A7250750	Tube Clamp Suspension (3/4" PEX), 50/pkg.	1	\$24.05
A7350500	Tube Clamp Standard (1/2" PEX), 100/pkg.	1	\$37.50
A7350750	Tube Clamp Standard (3/4" PEX), 50/pkg.	1	\$19.75

## Tubing Clip



Tubing Clip secures 1/2" Uponor AquaPEX tubing in shallow installations where the Tube Talon is unsuitable.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q7400500	Plastic Tubing Clip, 1/2", 100/pkg.	1	\$50.35

## U-shaped Tube Fastener



Manually secure galvanized U-shaped Tube Fastener to 3/8", 1/2", and 5/8" Uponor PEX tubing to wood subflooring.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
◀ A7040250	U-shaped Tube Fastener, 250/pkg.	1	\$56.60

## Fixing Wire Twister



Use Fixing Wire Twister with Fixing Wire (A7031000).

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
E6090005	Fixing Wire Twister	1	\$7.15

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final. See the alphanumeric on pages 131-154 for a listing of alternative part numbers.



# Fasteners and Fastener Tools

Use Ratchet-style Fixing Wire Twister with Fixing Wire (A7031000).

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
E6091700	Ratchet-style Fixing Wire Twister	1	\$87.45

## Ratchet-style Fixing Wire Twister



Specially formulated 6" galvanized steel alloy tie secures Uponor PEX tubing products to wire mesh or rebar. Use with Fixing Wire Twisters (E6090005 or E6091700).

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A7031000	Fixing Wire, 1,000/bundle	1	\$31.50

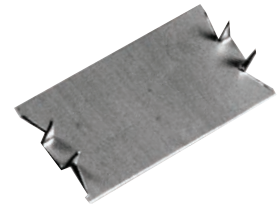
## Fixing Wire



Steel Plate Protector protects tubing from possible damage by drywall, trim screws or nails, etc.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
F5700002	Steel Plate Protector, 100/pkg.	1	\$34.50

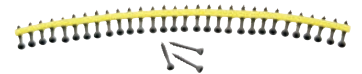
## Steel Plate Protector



The 1¼" screws are designed specifically for Quik Trak installations using ¾" subfloors.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
E6051250	Quik Trak Screws (1¼"), 2,500/pkg.	1	\$264.95

## Quik Trak Screws



Quik Trak Sealant is 100% silicone and provides good thermal transfer. Use to adhere 5/16" Wirsbo hePEX tubing in the Quik Trak groove.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
E6050010	Quik Trak Sealant, 10.3 fluid oz. (300 ml)	24	\$16.55

## Quik Trak Sealant



# Fasteners and Fastener Tools

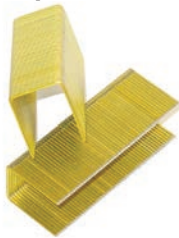
## Pneumatic Stapler Kit



Pneumatic Stapler Kit fires  $\frac{5}{8}$ " through  $1\frac{1}{4}$ " staples with a 1" crown. Kit includes stapler, walking stick and conventional nose piece for attaching  $\frac{1}{2}$ " and  $\frac{5}{8}$ " Uponor PEX to subfloors.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
E6021638	Pneumatic Stapler Kit	1	\$2,857.75

## Metal Staples



Metal Staples are available in  $1\frac{1}{4}$ " lengths with a 1" crown. Use  $1\frac{1}{4}$ " staples in staple-down installations to secure  $\frac{3}{8}$ ",  $\frac{1}{2}$ " and  $\frac{5}{8}$ " Uponor PEX to wood subfloors.

**Note:** Uponor does not recommend this use of staples for joist-heating applications.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A7011250	$1\frac{1}{4}$ " Metal Staples, 10,000/pkg.	1	\$200.45

## Manual Foam Stapler



Use Manual Foam Stapler with Plastic Foam Staples (A7015050 or A7015075) to attach  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{5}{8}$ " and  $\frac{3}{4}$ " Uponor PEX to rigid foam insulation.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
E6025075	Manual Foam Stapler	1	\$920.30

## Plastic Foam Staples



Use Plastic Foam Staples with Manual Foam Stapler (E6025075) to secure  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{5}{8}$ " and  $\frac{3}{4}$ " Uponor PEX to rigid foam insulation.

**Note:** Use  $1\frac{1}{2}$ " Foam Staples (A7015050) for 1" foam and  $2\frac{1}{2}$ " Foam Staples (A7015075) for  $1\frac{1}{2}$ " or thicker foam.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A7015050	$1\frac{1}{2}$ " Plastic Foam Staples, 300/pkg.	1	\$90.00
A7015075	$2\frac{1}{2}$ " Plastic Foam Staples, 300/pkg.	1	\$102.35

# Alphanumeric Listing 2013

New or Discount.	Part Number	Description	Page Number	2013 List Price (Ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category			Ecoflex
							Plumbing	Fire	Radiant	
	1007355	H-Insulation Kit, 5.5", 6.9", 7.9"	114	\$1,034.80	1					E
	1007360	Compression Wall Seal for 5.5" Jacket	115, 116	\$285.90	1					E
	1007361	Compression Wall Seal for 6.9" Jacket	115, 116	\$343.10	1					E
	1007362	Compression Wall Seal for 7.9" Jacket	115, 116	\$367.40	1					E
	1007365	Wall Sleeve for 5.5" Jacket	115, 116	\$77.90	1					E
	1007366	Wall Sleeve for 6.9" and 7.9" Jacket	115, 116	\$124.05	1					E
	1018268	Wall Sleeve with Heat Shrink for 7.9" Jacket	115, 116	\$239.60	1					E
	1018269	Wall Sleeve with Heat Shrink for 5.5" Jacket	115, 116	\$214.30	1					E
Disc.	1018270	Wall Sleeve with Heat Shrink for 6.9" Jacket	115	\$218.60	1	1018268				E
	1018326	Ecoflex Connection Vault, 6 outlet	113	\$1,555.55	1					E
	1018327	Ecoflex Connection Vault, 8 outlet	113	\$1,825.20	1					E
	1018378	Uponor Shrinkable Tape 10" x 9' roll	114	\$115.85	1					E
	1018379	Vault Shrink Sleeve for 5.5" Jacket	113	\$65.60	1					E
	1018380	Vault Shrink Sleeve for 6.9" Jacket	113	\$74.80	1					E
	1018381	Vault Shrink Sleeve for 7.9" Jacket	113	\$77.05	1					E
	1021990	Tee Insulation Kit, 5.5", 6.9", 7.9"	114, 116	\$665.60	1					E
	1021991	Elbow Insulation Kit, 5.5", 6.9", 7.9"	114, 116	\$582.40	1					E
	1021992	Straight Insulation Kit, 5.5", 6.9", 7.9"	114, 116	\$566.80	1					E
	5015510	1" Thermal Single with 5.5" Jacket, 600-ft. coil	109, 116, 117, 118	\$15.60	1					E
	5015513	1 1/2" Thermal Single with 5.5" Jacket, 500-ft. coil	109, 116, 117, 118	\$17.90	1					E
	5016915	1 1/2" Thermal Single with 6.9" Jacket, 300-ft. coil	109, 116, 117, 118	\$24.20	1					E
	5016920	2" Thermal Single with 6.9" Jacket, 300-ft. coil	109, 116, 117, 118	\$27.70	1					E
	5016925	2 1/2" Thermal Single with 6.9" Jacket, 300-ft. coil	109, 116, 117, 118	\$31.50	1					E
	5017930	3" Thermal Single with 7.9" Jacket, 300-ft. coil	109, 116, 117, 118	\$40.80	1					E
	5017935	3 1/2" Thermal Single with 7.9" Jacket, 300-ft. coil	109, 116, 117, 118	\$45.00	1					E
	5017940	4" Thermal Single with 7.9" Jacket, 300-ft. coil	109, 116, 117, 118	\$50.80	1					E
	5026910	1" Thermal Twin with 6.9" Jacket, 600-ft. coil	109, 116, 117, 118	\$21.80	1					E
	5026913	1 1/2" Thermal Twin with 6.9" Jacket, 500-ft. coil	109, 116, 117, 118	\$23.60	1					E
	5026915	1 1/2" Thermal Twin with 6.9" Jacket, 300-ft. coil	109, 116, 117, 118	\$30.20	1					E
	5027920	2" Thermal Twin with 7.9" Jacket, 300-ft. coil	109, 116, 117, 118	\$43.50	1					E
	5027925	2 1/2" Thermal Twin with 7.9" Jacket, 300-ft. coil	109, 116, 117, 118	\$53.90	1					E
	5115513	1 1/2" Potable HDPE with 5.5" Jacket, 300-ft. coil	110, 116, 117, 118	\$16.70	1					E
	5115515	1 1/2" Potable HDPE with 5.5" Jacket, 300-ft. coil	110, 116, 117, 118	\$18.40	1					E
	5115520	2" Potable HDPE with 5.5" Jacket, 300-ft. coil	110, 116, 117, 118	\$20.60	1					E
	5116930	3" Potable HDPE with 6.9" Jacket, 300-ft. coil	110, 116, 117, 118	\$30.80	1					E
	5117940	4" Potable HDPE with 7.9" Jacket, 300-ft. coil	110, 116, 117, 118	\$38.30	1					E
	5215510	1" Potable PEX with 5.5" Jacket, 600-ft. coil	110, 116, 117, 118	\$15.60	1					E
	5215513	1 1/2" Potable PEX with 5.5" Jacket, 500-ft. coil	110, 116, 117, 118	\$17.90	1					E
	5216915	1 1/2" Potable PEX with 6.9" Jacket, 300-ft. coil	110, 116, 117, 118	\$24.20	1					E
	5216920	2" Potable PEX with 6.9" Jacket, 300-ft. coil	110, 116, 117, 118	\$26.90	1					E

Uponor reserves the right to increase quantities to the next package allowable. U.S.

# Alphanumeric Listing 2013

New or Discont.	Part Number	Description	Page Number	2013 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Plumbing	Fire	Radiant	Product Application Category	Ecoflex
	5217930	3" Potable PEX with 7.9" Jacket, 300-ft. coil	110, 116, 117, 118	\$40.80	1						E
	5226910	1" Potable PEX Twin with 6.9" Jacket, 600-ft. coil	111, 117, 118	\$21.80	1						E
	5226913	1 1/4" Potable PEX Twin with 6.9" Jacket, 500-ft. coil	111, 117, 118	\$23.60	1						E
	5226915	1 1/2" Potable PEX Twin with 6.9" Jacket, 300-ft. coil	111, 117, 118	\$30.20	1						E
	5227920	2" Potable PEX Twin with 7.9" Jacket, 300-ft. coil	111, 117, 118	\$43.50	1						E
	5550010	WIPEX Fitting 1" PEX x 1" NPT	112, 116	\$47.20	1						E
	5550013	WIPEX Fitting 1 1/4" PEX x 1 1/4" NPT	112, 116	\$51.10	1						E
	5550015	WIPEX Fitting 1 1/2" PEX x 1 1/2" NPT	112, 116	\$65.50	1						E
	5550020	WIPEX Fitting 2" PEX x 2" NPT	112, 116	\$91.80	1						E
	5550025	WIPEX Fitting 2 1/2" x 2" NPT	112, 116	\$113.50	1						E
	5550030	WIPEX Fitting 3" x 2 1/2" NPT	112, 116	\$231.45	1						E
	5550035	WIPEX Fitting 3 1/2" x 3" NPT	112, 116	\$269.90	1						E
	5550040	WIPEX Fitting 4" x 4" NPT	112, 116	\$335.35	1						E
	5550101	WIPEX Sleeve Pliers 1"-1 1/2"	112	\$64.10	1						E
	5550102	WIPEX Sleeve Pliers 1 1/2"-3 1/2"	112	\$71.15	1						E
	5550103	WIPEX Sleeve Pliers 3 1/2"-4"	112	\$114.55	1						E
	5855513	End Cap, 1" and 1 1/4" PEX Pipe with 5.5" Jacket	113, 116	\$69.00	1						E
	5855520	End Cap, 1 1/4", 1 1/2" and 2" HDPE Pipe with 5.5" Jacket	113, 116	\$75.00	1						E
	5856930	End Cap, 1 1/2", 2", 2 1/2" PEX and 3" HDPE Pipe with 6.9" Jacket	113, 116	\$82.50	1						E
	5857940	End Cap 3, 3 1/2, 4" PEX and 4" HDPE pipe, 7.9" Jacket	113, 116	\$93.00	1						E
	5956915	Twin End Cap, 1", 1 1/4" and 1 1/2" PEX Pipe with 6.9" Jacket	113, 116	\$95.00	1						E
	5957925	Twin End Cap, 2" and 2 1/2" PEX Pipe with 7.9" Jacket	113, 116	\$109.20	1						E
	A1140313	3/8" Wirisbo hePEX White, 100-ft. coil	57	\$106.35	1				R		
	A1140375	3/8" Wirisbo hePEX White, 100-ft. coil	57	\$120.25	1				R		
	A1140500	1/2" Wirisbo hePEX White, 100-ft. coil	57	\$111.80	1				R		
	A1140625	3/4" Wirisbo hePEX White, 100-ft. coil	57	\$145.65	1				R		
	A1140750	3/4" Wirisbo hePEX White, 100-ft. coil	57	\$179.80	1				R		
	A1141000	1" Wirisbo hePEX White, 100-ft. coil	57	\$300.35	1				R		
	A1141250	1 1/4" Wirisbo hePEX, 100-ft. coil	57	\$524.90	1				R		
	A1141500	1 1/2" Wirisbo hePEX, 100-ft. coil	57	\$696.50	1				R		
	A1142000	2" Wirisbo hePEX, 100-ft. coil	57	\$1,111.05	1				R		
	A1143500	3 1/2" Wirisbo hePEX, 100-ft. coil	57	\$2,988.40	1				R		
	A1144000	4" Wirisbo hePEX, 100-ft. coil	57	\$4,000.90	1				R		
	A1180313	3/8" Wirisbo hePEX White, 250-ft. coil	57	\$265.85	1				R		
	A1210375	3/4" Wirisbo hePEX White, 400-ft. coil	57	\$481.00	1				R		
	A1210625	3/4" Wirisbo hePEX, 400-ft. coil	57	\$582.60	1				R		
	A1220313	3/8" Wirisbo hePEX White, 1,000-ft. coil	57	\$1,063.20	1				R		
	A1220375	3/4" Wirisbo hePEX White, 1,000-ft. coil	57	\$1,202.45	1				R		
	A1220500	1/2" Wirisbo hePEX White, 1,000-ft. coil	57	\$1,117.75	1				R		
	A1220625	3/4" Wirisbo hePEX White, 1,000-ft. coil	57	\$1,456.05	1				R		

# Alphanumeric Listing 2013

New or Discont.	Part Number	Description	Page Number	2013 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Plumbing	Fire	Product Application Category	Radiant	Ecoflex
	A1220750	3/4" hePEX White, 1000 ft. coil	57	\$1,798.00	1					R	
	A1240750	3/4" Wirsbo hePEX White, 500-ft. coil	57	\$898.90	1					R	
	A1241000	1" Wirsbo hePEX White, 500-ft. coil	57	\$1,501.80	1					R	
	A1250500	1/2" Wirsbo hePEX White, 300-ft. coil	57	\$335.35	1					R	
	A1250625	3/8" Wirsbo hePEX White, 300-ft. coil	57	\$436.85	1					R	
	A1250750	1/2" Wirsbo hePEX White, 300-ft. coil	57	\$539.30	1					R	
	A1251000	1" Wirsbo hePEX White, 300-ft. coil	57	\$901.15	1					R	
	A1251250	1 1/4" Wirsbo hePEX, 300-ft. coil	57	\$1,574.60	1					R	
	A1251500	1 1/2" Wirsbo hePEX, 300-ft. coil	57	\$2,089.50	1					R	
	A1252000	2" Wirsbo hePEX, 300-ft. coil	57	\$3,333.15	1					R	
	A1252500	2 1/2" Wirsbo hePEX, 300-ft. coil	57	\$4,457.55	1					R	
	A1253000	3" Wirsbo hePEX, 300-ft. coil	57	\$7,068.00	1					R	
	A1260500	1/2" Wirsbo hePEX White, 500-ft. coil	57	\$558.92	1					R	
	A1921000	1" Wirsbo hePEX, 20-ft. straight length, 200 ft. (10 per bundle)	58	\$600.70	1					R	
	A1921250	1 1/4" Wirsbo hePEX, 20-ft. straight length, 100 ft. (5 per bundle)	58	\$524.90	1					R	
	A1921500	1 1/2" Wirsbo hePEX, 20-ft. straight length, 100 ft. (5 per bundle)	58	\$696.50	1					R	
	A1922000	2" Wirsbo hePEX, 20-ft. straight length, 100 ft. (5 per bundle)	58	\$1,111.05	1					R	
	A1930625	3/8" Wirsbo hePEX, 20-ft. straight length, 300 ft. (15 per bundle)	58	\$436.85	1					R	
	A1930750	1/2" Wirsbo hePEX, 20-ft. straight length, 300 ft. (15 per bundle)	58	\$539.30	1					R	
	A1992000	2" Wirsbo hePEX Expansion Joint	58	\$42.80	1					R	
	A2072500	TruFLOW Support Bracket, set of 2	65	\$61.15	1					R	
	A2080020	Brass Manifold Loop End Cap, R20	72	\$9.00	10					R	
	A2080032	Basic End Cap, R32	65	\$18.40	10					R	
	A2123210	Threaded Brass Manifold Bushing, R32 Male x 1" Female NPT	62, 68, 72	\$17.50	10					R	
	A2133275	Threaded Brass Manifold Bushing, R32 Male x 3/4" Female NPT	62, 68, 72	\$21.45	10					R	
	A2400020	Brass Manifold Loop End Cap Gasket, spare part	67, 72	\$2.95	10					R	
	A2402000	2" Copper End Cap Spun End with drain and vent connections	75	\$143.35	1					R	
	A2403232	Manifold Gasket, spare part	65, 67	\$2.65	10					R	
	A2450028	Manifold Valve Replacement (Brass)	85	\$28.95	1					R	
	A2450029	3/4" Zone Valve Cartridge, (replacement part)	85	\$53.25	1					R	
	A2450030	1" Zone Valve Cartridge, (replacement part)	85	\$57.35	1					R	
	A2603524	Manifold Wall Cabinet, 35.5" H x 24" W x 3.5" D	61	\$472.20	1					R	
	A2603530	Manifold Wall Cabinet, 35.5" H x 30.5" W x 3.5" D	61	\$524.40	1					R	
	A2603539	Manifold Wall Cabinet, 35.5" H x 39" W x 3.5" D	61	\$565.00	1					R	
	A2603588	EP Heating Manifold Wall Cabinet Bracket Kit, set of 2	61, 69, 71	\$44.55	1					R	
	A2610020	TruFLOW Manifold Loop Temperature Gauge	62, 67	\$44.35	10					R	
	A2610100	TruFLOW Classic Manifold Extension Kit, 2 loops	62, 66	\$357.70	1					R	
	A2610120	Temperature Gauge with Well, replacement part	67	\$28.05	10					R	
	A2610200	TruFLOW Classic Assembly, BI, 2-loop	63	\$404.25	1					R	
	A2610300	TruFLOW Classic Assembly, BI, 3-loop	63	\$502.50	1					R	



# Alphanumeric Listing 2013

New or Disc.	Part Number	Description	Page Number	2013 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category			
							Plumbing	Fire	Radiant	Ecoflex
	A2610400	TruFLOW Classic Assembly, BI, 4-loop	63	\$600.75	1				R	
	A2610500	TruFLOW Classic Assembly, BI, 5-loop	63	\$725.55	1				R	
	A2610600	TruFLOW Classic Assembly, BI, 6-loop	63	\$823.95	1				R	
	A2610700	TruFLOW Classic Assembly, BI, 7-loop	63	\$922.40	1				R	
	A2610800	TruFLOW Classic Assembly, BI, 8-loop	63	\$1,058.45	1				R	
	A2611000	TruFLOW Classic Assembly, BI, 10-loop	63	\$1,307.35	1				R	
	A2611200	TruFLOW Classic Assembly, BI, 12-loop	63	\$1,494.40	1				R	
	A2620002	TruFLOW Manifold Balancing Hex Key, replacement part	62, 67	\$5.15	10				R	
	A2620005	Replacement Gasket for R32 Union Connections	67	\$1.20	10				R	
	A2620006	TruFLOW Classic Manifold Bracket, single bracket replacement part	62, 65	\$45.80	10				R	
	A2620008	Replacement O-ring for 1/4" BSP Connections	67	\$0.50	10				R	
	A2620009	Replacement O-ring for TruFLOW Flow/Temperature Meter	62, 67	\$0.50	10				R	
	A2620045	TruFLOW Classic Manifold Offset Union, R32 Union x 1/4" BSP	62, 66	\$28.40	10				R	
	A2620090	TruFLOW Classic Manifold Elbow Union, R32 Union x 1/4" BSP	62, 66	\$26.50	10				R	
	A2621010	TruFLOW Manifold Coupling Nipple, 1/4" BSP x 1/4" BSP	66	\$21.30	10				R	
	A2630028	TruFLOW Manifold Actuator Adapter, replacement part	62, 63, 66, 86	\$2.40	10				R	
	A2631250	Manifold Supply and Return Ball Valves, with Filter and Temperature Gauges, set of 2	61, 62, 65, 69	\$254.45	1				R	
New	A2631251	Manifold Supply and Return Ball Valves with Temperature Gauges, set of 2	65, 69	\$200.50	1				R	
New	A2631252	Manifold Supply and Return Ball Valves, set of 2	65, 69	\$107.80	1				R	
	A2640006	TruFLOW Jr. Manifold Mounting Bracket, single bracket	62, 65	\$27.90	10				R	
	A2640015	TruFLOW Visual Flow Meter, 0.15 to 0.8 gpm	62, 67	\$40.15	10				R	
	A2640027	TruFLOW Visual Flow Meter, 0.25 to 2.0 gpm	62, 67	\$40.15	10				R	
Disc.	A2650004	Replacement O-ring for 1/2" BSP Connections	67	\$0.35	10				R	
	A2660200	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 2-loop	63	\$282.35	1				R	
	A2660201	TruFLOW Jr. Assembly, BI, 2-loop	63	\$359.75	1				R	
	A2660300	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 3-loop	63	\$343.55	1				R	
	A2660301	TruFLOW Jr. Assembly, BI, 3-loop	63	\$443.95	1				R	
	A2660400	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 4-loop	63	\$408.70	1				R	
	A2660401	TruFLOW Jr. Assembly, BI, 4-loop	63	\$520.75	1				R	
	A2660500	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 5-loop	63	\$524.75	1				R	
	A2660501	TruFLOW Jr. Assembly, BI, 5-loop	63	\$668.65	1				R	
	A2660600	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 6-loop	63	\$585.95	1				R	
	A2660601	TruFLOW Jr. Assembly, BI, 6-loop	63	\$746.70	1				R	
	A2660700	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 7-loop	63	\$671.25	1				R	
	A2660701	TruFLOW Jr. Assembly, BI, 7-loop	63	\$827.25	1				R	
	A2660800	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 8-loop	63	\$712.35	1				R	
	A2660801	TruFLOW Jr. Assembly, BI, 8-loop	63	\$933.70	1				R	
	A2663202	TruFLOW Jr. Valveless, 2-loop	64	\$88.55	1				R	
	A2663203	TruFLOW Jr. Valveless, 3-loop	64	\$109.50	1				R	
	A2663204	TruFLOW Jr. Valveless, 4-loop	64	\$118.60	1				R	

# Alphanumeric Listing 2013

New or Discont.	Part Number	Description	Page Number	2013 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Plumbing	Product Application Category	Ecoflex
	A2663212	TruFLOW Jr. Manifold Balancing Valves, 2-loop	64	\$127.90	1			R	
	A2663213	TruFLOW Jr. Manifold Balancing Valves, 3-loop	64	\$155.40	1			R	
	A2663214	TruFLOW Jr. Manifold Balancing Valves, 4-loop	64	\$185.90	1			R	
	A2663222	TruFLOW Jr. Isolation Valves, 2-loop	64	\$144.20	1			R	
	A2663223	TruFLOW Jr. Isolation Valves, 3-loop	64	\$189.80	1			R	
	A2663224	TruFLOW Jr. Isolation Valves, 4-loop	64	\$235.40	1			R	
	A2670001	EP Heating Manifold Single Section with Isolation Valve	68, 70	\$36.30	1			R	
	A2670003	EP Heating Manifold Single Section with Balancing Valve and Flow Meter	68, 70	\$50.60	1			R	
	A2670004	EP Heating Manifold Isolation Valve Body, replacement part	68, 71	\$20.20	1			R	
	A2670005	EP Heating Manifold Flow Meter Valve Body, replacement part	68, 71	\$24.20	1			R	
	A2670006	EP Heating Manifold Mounting Bracket, set of 2	68, 69, 70	\$23.50	1			R	
	A2670007	EP Heating Manifold Valve Replacement Tool	68, 71	\$15.40	1			R	
	A2670008	EP Heating Manifold Replacement O-ring 28.5 x 3mm EPDM	68, 71	\$1.45	10			R	
	A2670032	EP Heating Manifold Connection Piece with R32 Union and Temperature Gauge	68, 70, 71	\$123.75	1			R	
	A2670090	EP Heating Manifold Elbow, set of 2	68, 70	\$37.70	1			R	
	A2670132	EP Heating Manifold Temperature Gauge, set of 2	68, 71	\$30.90	1			R	
	A2670201	EP Heating Manifold Assembly with Flow Meter, 2-loop	69, 70	\$325.30	1			R	
	A2670301	EP Heating Manifold Assembly with Flow Meter, 3-loop	69	\$377.70	1			R	
	A2670401	EP Heating Manifold Assembly with Flow Meter, 4-loop	68, 69	\$445.20	1			R	
	A2670501	EP Heating Manifold Assembly with Flow Meter, 5-loop	69	\$512.35	1			R	
	A2670601	EP Heating Manifold Assembly with Flow Meter, 6-loop	69	\$579.75	1			R	
	A2670701	EP Heating Manifold Assembly with Flow Meter, 7-loop	69	\$630.20	1			R	
	A2670801	EP Heating Manifold Assembly with Flow Meter, 8-loop	69, 70	\$714.30	1			R	
	A2671250	EP Heating Manifold End Cap with Vent and Drain	68, 70	\$45.65	1			R	
	A2671300	EP Heating Manifold Actuator Adapter	68, 71, 84, 86	\$5.85	10			R	
	A2803250	End Cap with Vent, R32	65	\$83.50	1			R	
	A3010100	Single-zone Pump Relay	85	\$142.95	1			R	
	A3010522	Thermal Actuator, four-wire	62, 66, 68, 71, 84, 86	\$97.95	1			R	
	A3010525	¾" Thermal Zone Valve, four-wire	85	\$240.50	1			R	
	A3010526	1" Thermal Zone Valve, four-wire	85	\$250.00	1			R	
	A3019900	Spacer Ring VA33 for White Thermal Actuators	84, 86	\$6.95	5			R	
	A3020416	Thermal Actuator, two-wire	62, 66, 68, 71, 84, 86	\$93.00	1			R	
	A3020522	Motorized Valve Actuator (MVA), four-wire	62, 66, 85, 86	\$154.40	1			R	
	A3030009	Replacement Fuse (2 amps), 4/pkg.	84	\$15.35	1			R	
	A3030010	Replacement Fuse (4 amps), 4/pkg.	84	\$15.35	1			R	
	A3030101	Heat-only Thermostat, two-wire	83	\$107.55	1			R	
	A3030102	Heat and Cool Thermostat	83	\$140.55	1			R	
	A3030522	Two-wire Thermal Actuator (for EP Heating Manifold)	68, 82, 84, 86	\$61.30	1			R	
	A3030523	Two-wire Thermal Actuator (for TruFlow Classic and Jr. Valved Manifolds)	62, 82, 84, 86	\$65.30	1			R	
New	A3031003	Three-zone Control Module for Two-wire Operation	84	\$132.00	1			R	

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# Alphanumeric Listing 2013

New or Discont.	Part Number	Description	Page Number	2013 List Price (Ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category			
							Plumbing	Fire	Radiant	Ecoflex
New	A3031004	Four-zone Control Module for Two-wire Operation	84	\$146.00	1				R	
	A3040007	Cover Plate for 500 Series Controllers	83	\$29.10	10				R	
	A3040079	Floor Sensor, replacement part	83	\$91.75	1				R	
	A3040150	SetPoint 150 Controller	83	\$454.00	1	A3041501			R	
	A3040501	SetPoint 501, Single-stage SetPoint Controller	83	\$196.05	1				R	
	A3040512	SetPoint 512, Two-Stage Programmable Controller	83	\$382.00	1				R	
	A3041501	SetPoint 501s, Single-stage SetPoint Controller with floor sensor	83	\$313.50	1				R	
	A3041511	SetPoint 511s, Single-Stage Programmable Controller with floor sensor	83	\$392.25	1				R	
	A3050050	50 VA Transformer	85	\$50.55	1				R	
	A3070525	¾" MVA Zone Valve, four-wire	85	\$296.20	1				R	
	A3070526	1" MVA Zone Valve, four-wire	85	\$315.65	1				R	
	A3080301	Three-zone Multi-pump Relay	85	\$358.20	1				R	
	A3080404	Powered Four-zone Controller	84	\$273.15	1				R	
	A3080406	Powered Six-zone Controller	84	\$351.25	1				R	
	A3503000	Radiant Ready 30E, 30,000 BTU Electric	86	\$6,067.85	1				R	
Disc.	A3509000	proPANEL 90	87	\$1,610.55	1				R	
Disc.	A3509002	proPANEL 90Z	87	\$2,333.50	1				R	
Disc.	A3509500	proPANEL 90M	87	\$2,912.95	1				R	
Disc.	A3509502	proPANEL 90MZ	87	\$2,974.10	1				R	
	A3600005	Zoning Language Stick, replacement part	82	\$50.20	1				R	
	A3600010	Slab Sensor for T-54 Thermostat, 12-ft. lead	81	\$42.45	1				R	
	A3600054	Zoning Thermostat (T-54), white	81	\$223.90	1				R	
	A3600075	Zoning Thermostat (T-75), white	81	\$148.80	1				R	
	A3600154	Zoning Thermostat Mounting Kit, T-54	81	\$14.10	1				R	
	A3600175	Zoning Thermostat Mounting Kit, white	81	\$12.20	1				R	
	A3600254	Outdoor Sensor for T-54 Thermostat, 15-ft. lead	81	\$146.10	1				R	
	A3600275	Zoning Thermostat (T-75), silver	81	\$232.25	1				R	
	A3600375	Zoning Thermostat Mounting Kit, silver	81	\$32.90	1				R	
	A3601000	Climate Control Zoning System Starter Kit, (Base Unit, Interface, Cables, Antenna)	80	\$986.50	1				R	
	A3601001	Zoning Base Unit Antenna, replacement part	80, 82	\$314.95	1				R	
	A3601002	Zoning Cable Kit	82	\$27.45	1				R	
	A3601012	Zoning Base Unit (C-55), 12 zones	80, 82, 84	\$608.15	1				R	
	A3601075	Zoning Interface (I-75)	82	\$399.00	1				R	
	A4010313	¾" Repair Coupling	99	\$26.40	10				R	
	A4020313	¾" QS-style Compression Fitting Assembly, R20 thread	62, 68, 73	\$15.05	10				R	
	A4020375	¾" QS-style Compression Fitting Assembly, R20 thread	62, 68, 73	\$14.40	10				R	
	A4020500	½" QS-style Compression Fitting Assembly, R20 thread	62, 68, 73	\$11.60	10				R	
	A4020625	¾" QS-style Compression Fitting Assembly, R20 thread	62, 68, 73	\$14.10	10				R	
	A4020750	¾" QS-style Compression Fitting Assembly, R25 thread	73	\$20.50	10				R	
	A4021000	Replacement O-ring for insert (R25)	73	\$0.45	10				R	

# Alphanumeric Listing 2013

New or Discont.	Part Number	Description	Page Number	2013 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category			
							Plumbing	Fire	Radiant	Ecoflex
	A4021116	Replacement O-ring for insert (R20)	73	\$0.35	10				R	
	A4030625	3/8" QS-style Compression Fitting Assembly, R25 thread	73	\$17.35	10				R	
New	A4123215	Brass Manifold Adapter, R32 to 1 1/4" Adapter or 1 1/2" Fitting Adapter	72	\$40.00	10				R	
New	A4123215	Brass Manifold Adapter, R32 to 1 1/2" Adapter or 1 1/2" Fitting Adapter	72	\$40.00	10				R	
	A4133210	Brass Manifold Adapter, R32 x 1" Adapter or 1 1/4" Fitting Adapter	62, 68, 72	\$22.15	10				R	
	A4143210	Brass Manifold Adapter, R32 x 3/4" Adapter or 1" Fitting Adapter	62, 68, 72	\$26.40	10				R	
	A4143220	Threaded Brass Manifold Straight Adapter, R32 Male x R20 Male	62, 68, 72	\$26.10	10				R	
	A4143225	Threaded Brass Manifold Straight Adapter, R32 Male x R25 Male	62, 68, 72	\$26.90	10				R	
	A4160313	3/8" QS-style Compression Ring, spare part	73	\$3.55	10				R	
	A4160375	3/8" QS-style Compression Ring, spare part	73	\$3.35	10				R	
	A4160500	1/2" QS-style Compression Ring, spare part	73	\$3.10	10				R	
	A4160625	3/8" QS-style Compression Ring, spare part	73	\$3.35	10				R	
New	A4160750	1/4" QS-style Compression Ring, spare part	73	\$4.15	10				R	
	A4322020	QS-style Coupling Nipple, R20 x R20	99	\$9.95	10					
	A4322050	QS-style Conversion Nipple, R20 x 1/2" NPT	99	\$9.20	10					
	A4322075	QS-style Conversion Nipple, R20 x 3/4" NPT	99	\$9.80	10					
Disc.	A4322510	QS-style Conversion Nipple, R25 x 1" NPT (for 3/4" and 1/2" tubing only)	99	\$15.95	10				R	
	A4322525	QS-style Coupling Nipple, R25 x R25 (for 3/4" and 1/2" tubing only)	99	\$16.90	10				R	
	A4322575	QS-style Conversion Nipple, R25 x 3/4" NPT (for 3/4" tubing only)	99	\$11.75	10				R	
	A4332050	QS-style Copper Adapter, R20 x 1/2" Copper	99	\$10.35	10				R	
	A4332075	QS-style Copper Adapter, R20 x 3/4" Copper	99	\$8.05	10				R	
	A4332575	QS-style Copper Adapter, R25 x 3/4" Copper (for 3/4" and 1/2" tubing only)	99	\$13.00	10				R	
	A4342050	QS-style Copper Fitting Adapter, R20 x 1/2" Copper	99	\$10.30	10				R	
	A4342075	QS-style Copper Fitting Adapter, R20 x 3/4" Copper	99	\$7.75	10				R	
	A4342510	QS-style Copper Fitting Adapter, R25 X 1" Copper (for 3/4" and 1/2" tubing only)	99	\$12.00	10				R	
	A4342575	QS-style Copper Fitting Adapter, R25 X 3/4" Copper (for 3/4" and 1/2" tubing only)	99	\$21.75	10				R	
	A4372075	QS-style Baseboard Elbow, R20 x 3/4" Copper Fitting Adapter	100	\$21.65	10				R	
	A4382075	QS-style Baseboard Elbow, R20 X 3/4" Copper Adapter	100	\$13.45	10				R	
	A4392075	QS-style Baseboard Tee, R20 x 3/4" Copper Adapter	100	\$20.70	10				R	
	A5060701	Quik Trak 7" x 48" Panels	104	\$15.65	10				R	
	A5060702	Quik Trak 7" x 48" Return Panels	104	\$22.70	10				R	
	A5060712	Quik Trak 12" x 48" Combo Panel, 6 runs with return	104	\$47.40	5				R	
	A5060722	Quik Trak 12" x 12" Combo 90, 6 runs	104	\$13.15	5				R	
	A5060732	Quik Trak 7" x 12" Combo Access Panel, 6 runs with 1 access	104	\$12.70	6				R	
	A5060761	Quik Trak 7" x 48" x 6 Panels (fully assembled set)	104	\$104.80	1				R	
	A5080375	Joist Trak, 3/8" Heat Transfer Panel	105	\$11.90	20				R	
	A5080500	Joist Trak, 1/2" Heat Transfer Panel	105	\$11.90	20				R	
	A5090313	Fast Trak 0.5	104	\$27.25	20				R	
	A5090500	Fast Trak 1.3i	104	\$30.70	18				R	
	A5091000	Fast Trak Edge Strip, 65-ft. roll	104	\$33.80	10				R	

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# Alphanumeric Listing 2013

New or Disc.	Part Number	Description	Page Number	2013 List Price (ea.)		Pkg. Qty.	Alternative Part Number	Product Application Category			
								Plumbing	Fire	Radiant	Ecoflex
	A5110375	3/4" Metal Bend Support	125	\$3.36		50		P		R	
	A5110500	1/2" Metal Bend Support	125	\$3.26		50		P	F	R	
	A5110625	3/8" Metal Bend Support	125	\$4.41		50				R	
	A5110750	3/4" Metal Bend Support	125	\$5.99		25		P	F	R	
	A5150375	3/8" Plastic Bend Support	125	\$1.58		25		P		R	
	A5150750	3/4" Plastic Bend Support	125	\$3.73		50		P	F	R	
	A5250500	1/2" Plastic Bend Support	125, 126	\$1.60		25		P	F	R	
	A5400102	1" Three-way Tempering Valve	80	\$336.80		1				R	
	A5401110	1" Three-way Tempering Valve Replacement Gaskets, set of three	80	\$10.80		1				R	
	A5401112	1" Three-way Tempering Valve with Union	80	\$312.95		1				R	
	A5410750	3/4" Differential Pressure By-pass Valve	80	\$350.90		1				R	
	A5411000	1" Differential Pressure By-pass Valve	80	\$430.25		1				R	
	A5500500	3/4" PVC Elbow for 3/8" and 1/2" PEX Bend Support	125	\$3.20		25		P	F	R	
	A5500625	1" PVC Elbow for 3/8" PEX Bend Support	125	\$4.73		25				R	
	A5500750	1 1/2" PVC Elbow for 3/4" PEX Bend Support	125	\$9.40		20		P	F	R	
	A5501000	1 1/2" PVC Elbow for 1" PEX Bend Support	125	\$10.34		25		P	F	R	
	A5700500	1/2" PEX Rail, 6.5 ft.	127	\$11.81		16		P	F	R	
	A5700625	3/8" PEX Rail, 6.5 ft.	127	\$12.20		16				R	
	A5700750	3/4" PEX Rail, 6.5 ft.	127	\$17.85		16		P	F	R	
	A5750500	PEX Wall Support Bracket, 1/2" and 3/4"	125, 126	\$5.85		25		P			
	A5802075	Ball Valve, R20 Thread x 3/4" Copper Adapter	75	\$34.85		10				R	
	A5802575	Ball Valve, R25 Thread x 3/4" Copper Adapter	75	\$36.95		10				R	
	A5902075	Ball and Balancing Valve, R20 Thread x 3/4" Copper Adapter	75	\$61.95		10				R	
	A5902575	Ball and Balancing Valve, R25 Thread x 3/4" Copper Adapter	75	\$67.05		10				R	
	A7011250	1 1/2" Metal Staples, 10,000/pkg.	130	\$200.45		1				R	
	A7015050	1 1/2" Plastic Foam Staples, 300/pkg.	130	\$90.00		1				R	
	A7015075	2 1/2" Plastic Foam Staples, 300/pkg.	130	\$102.35		1				R	
	A7031000	Fixing Wire, 1,000/bundle	128, 129	\$31.50		1				R	
Disc.	A7040250	U-shaped Tube Fastener, 250/pkg.	128	\$56.60		1				R	
	A7250500	Tube Clamp Suspension (1/2" PEX), 100/pkg.	128	\$47.35		1		P	F	R	
	A7250750	Tube Clamp Suspension (3/4" PEX), 50/pkg.	128	\$24.05		1		P	F	R	
	A7350500	Tube Clamp Standard (1/2" PEX), 100/pkg.	128	\$37.50		1		P	F	R	
	A7350750	Tube Clamp Standard (3/4" PEX), 50/pkg.	128	\$19.75		1		P	F	R	
	A7750700	Fire Sprinkler Adapter Mounting Bracket, 3/4" and 1"	44	\$8.80		5			F		
Disc.	A8010002	Data Stick, replacement part	79	\$45.75		1				R	
Disc.	A8010004	Replacement Display	79	\$434.10		1				R	
Disc.	A8020000	Climate Control Multifunction Hydronic Controller	78	\$1,555.70		1				R	
Disc.	A9012002	Domestic Hot Water (DHW) Tank Sensor, 10K	79	\$74.25		1				R	
Disc.	A9012010	Boiler Relay, On-Off	78	\$105.90		1				R	
Disc.	A9013001	Supply and Return Sensor, 10K	79	\$106.95		1				R	



# Alphanumeric Listing 2013

New or Discont.	Part Number	Description	Page Number	2013 List Price (Ea.)	Pkg. Qty.	Alternative Part Number	Plumbing	Fire	Product Application Category	Ecoflex
Disc.	A9013021	3/4" Three-way Modulating Valve with Control, 0-10v (Cv = 4.7)	78	\$878.00	1				R	
Disc.	A9013022	1" Three-way Modulating Valve with Control, 0-10v (Cv = 10)	78	\$931.75	1				R	
Disc.	A9013023	1 1/2" Three-way Modulating Valve with Control, 0-10v (Cv = 19)	78	\$1,072.55	1				R	
Disc.	A9013024	1 1/2" Three-way Modulating Valve with Control, 0-10v (Cv = 29)	78	\$1,383.10	1				R	
Disc.	A9013026	2" Three-way Modulating Valve without Control, 0-10v (Cv = 46)	78	\$1,542.40	1				R	
Disc.	A9013030	Pump Relay, On-Off	78	\$160.70	1				R	
Disc.	A9013040	Network Variable Speed Pump Control, Modulating 0-10VDC	78	\$83.15	1				R	
	A9013053	Snow-melt Slab Sensor (60 ft.), replacement part	79	\$129.75	1				R	
	A9013060	Snow-melt Rough-in Kit	79	\$272.80	1				R	
Disc.	A9013061	Snow-melt Control with Slab Sensor, 60-ft. lead	79	\$278.50	1				R	
Disc.	A9013062	Automatic Snow and Ice Sensor Assembly, 60-ft. lead	79	\$2,622.70	1				R	
	A9013064	Snow-melt Sensor Well, replacement part	79	\$168.20	1				R	
Disc.	A9013065	Snow-melt Control Only, replacement part	79	\$248.85	1				R	
	A9013066	Plastic Sensor Cup with Cover, replacement part	79	\$223.05	1				R	
	A9013067	Clay for Automatic Sensor, replacement part	79	\$32.05	1				R	
	A9013069	PVC Fitting Adapter, 3/4" x 1/2" FPT	79	\$3.65	1				R	
	A9013070	Metal Cover for Snow-melt Cup	79	\$37.70	1				R	
Disc.	A9013098	Replacement Powerhead only for 3/4" and 1" valves, replacement part	78	\$419.35	1				R	
Disc.	A9013099	Replacement Powerhead only for 1 1/4" and 1 1/2" valves, replacement part	78	\$720.10	1				R	
Disc.	A9030001	Cat5 Patch Cable (1 ft.)	79	\$10.40	1				R	
Disc.	A9030003	Cat5 Patch Cable (3 ft.)	79	\$15.00	1				R	
Disc.	A9030007	Cat5 Patch Cable (7 ft.)	79	\$21.90	1				R	
Disc.	A9030015	Cat5 Patch Cable (15 ft.)	79	\$39.30	1				R	
Disc.	A9030100	Cable Tester	79	\$417.15	1				R	
Disc.	A9030111	RJ45 Connectors, 50 pack	79	\$128.70	1				R	
Disc.	A9030200	Cat5 Cable Stripper	79	\$103.85	1				R	
Disc.	A9030300	Modular Plug Crimping Tool	79	\$199.30	1				R	
Disc.	A9031000	Cat5 Wire, 1,000-Ft. roll	79	\$471.80	1				R	
Disc.	A9063020	Modulating Valve Control, 0-10v	78	\$113.70	1				R	
	B1812000	2" x 20' HDPE Tubing (straight length)	59, 76	\$118.40	1				R	
	B1813000	3" x 20' HDPE Tubing (straight length)	59, 76	\$228.40	1				R	
	B1814000	4" x 20' HDPE Tubing (straight length)	59, 76	\$375.80	1				R	
	B2162000	HDPE 90-degree Elbow, 2" HDPE x 2" HDPE	77	\$50.00	1				R	E
	B2163000	HDPE 90-degree Elbow, 3" HDPE x 3" HDPE	77	\$91.95	1				R	E
	B2164000	HDPE 90-degree Elbow, 4" HDPE x 4" HDPE	77	\$135.65	1				R	E
	B2172000	HDPE Tee, 2" HDPE x 2" HDPE x 2" HDPE	77	\$59.20	1				R	E
	B2173000	HDPE Tee, 3" HDPE x 3" HDPE x 3" HDPE	77	\$100.25	1				R	E
	B2174000	HDPE Tee, 4" HDPE x 4" HDPE x 4" HDPE	77	\$147.25	1				R	E
	B2182000	2" HDPE Flange Adapter	77	\$85.95	1				R	E
	B2183000	3" HDPE Flange Adapter	77	\$112.40	1				R	E

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# Alphanumeric Listing 2013

New or Discont.	Part Number	Description	Page Number	2013 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Plumbing	Fire	Product Application Category	Ecoflex
	B2184000	4" HDPE Flange Adapter	77	\$126.15	1				R	E
	B2192000	2" HDPE Flange Backup Ring	77	\$71.35	1				R	E
	B2192500	HDPE 45-degree Elbow, 2" HDPE x 2" HDPE	77	\$47.40	1				R	E
	B2193000	3" HDPE Flange Backup Ring	77	\$69.60	1				R	E
	B2193500	HDPE 45-degree Elbow, 3" HDPE x 3" HDPE	77	\$90.90	1				R	E
	B2194000	4" HDPE Flange Backup Ring	77	\$77.80	1				R	E
	B2194500	HDPE 45-degree Elbow, 4" HDPE x 4" HDPE	77	\$134.50	1				R	E
	B2202000	HDPE End Cap, 2" HDPE	77	\$23.70	1				R	E
	B2203000	HDPE End Cap, 3" HDPE	77	\$51.55	1				R	E
	B2204000	HDPE End Cap, 4" HDPE	77	\$79.65	1				R	E
	B2223020	HDPE Reducing Coupling, 3" HDPE x 2" HDPE	77	\$55.25	1				R	E
	B2224020	HDPE Reducing Coupling, 4" HDPE x 2" HDPE	77	\$83.75	1				R	E
	B2224030	HDPE Reducing Coupling, 4" HDPE x 3" HDPE	77	\$84.45	1				R	E
	B2252751	2" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 3/4" ProPEX	76	Call for pricing	1				R	
	B2252752	2" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 3/4" ProPEX	76	Call for pricing	1				R	
	B2253751	3" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 3/4" ProPEX	76	Call for pricing	1				R	
	B2253752	3" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 3/4" ProPEX	76	Call for pricing	1				R	
	B2254751	4" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 3/4" ProPEX	76	Call for pricing	1				R	
	B2254752	4" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 3/4" ProPEX	76	Call for pricing	1				R	
	B2272101	2" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 1" ProPEX	76	Call for pricing	1				R	
	B2272102	2" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 1" ProPEX	76	Call for pricing	1				R	
	B2273101	3" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 1" ProPEX	76	Call for pricing	1				R	
	B2273102	3" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 1" ProPEX	76	Call for pricing	1				R	
	B2274101	4" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 1" ProPEX	76	Call for pricing	1				R	
	B2274102	4" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 1" ProPEX	76	Call for pricing	1				R	
	D1140750	3/4" MLC Tubing, 100-ft. coil	59	\$251.65	1				R	
	D1141000	1" MLC Tubing, 100-ft. coil	59	\$383.20	1				R	
	D1220500	1/2" MLC Tubing, 1,000-ft. coil	59	\$1,368.80	1				R	
	D1220625	3/8" MLC Tubing, 1,000-ft. coil	59	\$1,716.40	1				R	
	D1240750	3/4" MLC Tubing, 500-ft. coil	59	\$1,258.05	1				R	
	D1250500	1/2" MLC Tubing, 300-ft. coil	59	\$410.70	1				R	
	D1250625	3/8" MLC Tubing, 300-ft. coil	59	\$519.95	1				R	
	D1250750	3/4" MLC Tubing, 300-ft. coil	59	\$747.50	1				R	
	D1251000	1" MLC Tubing, 300-ft. coil	59	\$1,150.00	1				R	
	D4020500	1/2" MLC Press Fitting Assembly, R20 thread	62, 68, 74	\$18.95	10				R	
	D4020625	3/8" MLC Press Fitting Assembly, R20 thread	62, 68, 74	\$25.35	10				R	
	D4030625	3/8" MLC Press Fitting Assembly, R25 thread	74	\$21.20	10				R	
	D4030750	3/4" MLC Press Fitting Assembly, R25 thread	74	\$22.45	10				R	
	D4120500	1/2" MLC Tubing Compression Fitting Assembly, R20 thread	62, 68, 74	\$21.00	10				R	
	D4120625	3/8" MLC Tubing Compression Fitting Assembly, R20 thread	62, 68, 74	\$36.35	10				R	

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New or Discont.	Part Number	Description	Page Number	2013 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category		
							Plumbing	Fire	Radiant
	D4120750	3/4" MLC Tubing Compression Fitting Assembly, R25 thread	74	\$35.15	10				R
	D4143210	MLC Press Fitting Manifold Straight Adapter, R32 x 1" MLC Press Fitting	62, 68, 103	\$28.75	10				R
	D4143263	MLC Press Fitting Manifold Straight Adapter, R32 x 3/4" MLC Press Fitting	62, 68, 103	\$29.60	10				R
	D4143275	MLC Press Fitting Manifold Straight Adapter, R32 x 3/4" MLC Press Fitting	62, 68, 103	\$27.90	10				R
	D4153210	MLC Press Fitting Manifold Elbow Adapter, R32 x 1" MLC Press Fitting	62, 68, 103	\$32.80	10				R
	D4153263	MLC Press Fitting Manifold Elbow Adapter, R32 x 3/4" MLC Press Fitting	62, 68, 103	\$33.35	10				R
	D4153275	MLC Press Fitting Manifold Elbow Adapter, R32 x 3/4" MLC Press Fitting	62, 68, 103	\$35.00	10				R
	D4375075	MLC Press Fitting Baseboard Elbow, 1/2" MLC Tubing x 3/4" Copper Fitting Adapter	103	\$21.60	10				R
	D4376375	MLC Press Fitting Baseboard Elbow, 3/4" MLC Tubing x 3/4" Copper Fitting Adapter	103	\$21.60	10				R
	D4377575	MLC Press Fitting Baseboard Elbow, 3/4" MLC Tubing x 3/4" Copper Fitting Adapter	103	\$21.60	10				R
	D4385075	MLC Press Fitting Baseboard Elbow, 1/2" MLC Tubing x 3/4" Copper Adapter	103	\$28.50	10				R
	D4386375	MLC Press Fitting Baseboard Elbow, 3/8" MLC Tubing x 3/4" Copper Adapter	103	\$22.75	10				R
	D4387575	MLC Press Fitting Baseboard Elbow, 3/4" MLC Tubing x 3/4" Copper Adapter	103	\$22.30	10				R
	D4395075	MLC Press Fitting Baseboard Tee, 1/2" MLC Tubing x 3/4" Copper Adapter	103	\$22.60	10				R
	D4396375	MLC Press Fitting Baseboard Tee, 3/4" MLC Tubing x 3/4" Copper Adapter	103	\$22.60	10				R
	D4501010	MLC Press Fitting Brass Fitting Adapter, 1" MLC Tubing x 1" Copper	102	\$19.75	10				R
	D4505050	MLC Press Fitting Brass Fitting Adapter, 1/2" MLC Tubing x 1/2" Copper	102	\$25.95	10				R
	D4505075	MLC Press Fitting Brass Fitting Adapter, 1/2" MLC Tubing x 3/4" Copper	102	\$10.60	10				R
	D4506375	MLC Press Fitting Brass Fitting Adapter, 3/8" MLC Tubing x 3/4" Copper	102	\$18.15	10				R
	D4507510	MLC Press Fitting Brass Fitting Adapter, 3/4" MLC Tubing x 1" Copper	102	\$27.50	10				R
	D4507575	MLC Press Fitting Brass Fitting Adapter, 3/4" MLC Tubing x 3/4" Copper	102	\$14.05	10				R
	D4511010	MLC Press Fitting Brass Adapter, 1" MLC Tubing x 1" Copper	102	\$19.55	10				R
	D4515050	MLC Press Fitting Brass Adapter, 1/2" MLC Tubing x 1/2" Copper	102	\$15.10	10				R
	D4515075	MLC Press Fitting Brass Adapter, 1/2" MLC Tubing x 3/4" Copper	102	\$11.00	10				R
	D4516375	MLC Press Fitting Brass Adapter, 3/8" MLC Tubing x 3/4" Copper	102	\$19.70	10				R
	D4517510	MLC Press Fitting Brass Adapter, 3/4" MLC Tubing x 1" Copper	102	\$20.00	10				R
	D4517575	MLC Press Fitting Brass Adapter, 3/4" MLC Tubing x 3/4" Copper	102	\$23.90	10				R
	D4521010	MLC Press Fitting Brass Male Threaded Adapter, 1" MLC Tubing x 1" NPT	101	\$30.20	10				R
	D4525075	MLC Press Fitting Brass Male Threaded Adapter, 1/2" MLC Tubing x 3/4" NPT	101	\$24.05	10				R
	D4526375	MLC Press Fitting Brass Male Threaded Adapter, 3/8" MLC Tubing x 3/4" NPT	101	\$20.80	10				R
	D4527510	MLC Press Fitting Brass Male Threaded Adapter, 3/4" MLC Tubing x 1" NPT	101	\$26.05	10				R
	D4527575	MLC Press Fitting Brass Male Threaded Adapter, 3/4" MLC Tubing x 3/4" NPT	101	\$24.35	10				R
	D4541010	MLC Press Fitting Brass Coupling, 1" MLC Tubing x 1" MLC Tubing	101	\$27.70	10				R
	D4545050	MLC Press Fitting Brass Coupling, 1/2" MLC Tubing x 1/2" MLC Tubing	101	\$13.30	10				R
	D4546363	MLC Press Fitting Brass Coupling, 3/4" MLC Tubing x 3/4" MLC Tubing	101	\$17.05	10				R
	D4547575	MLC Press Fitting Brass Coupling, 3/4" MLC Tubing x 3/4" MLC Tubing	101	\$19.10	10				R
	D4571010	MLC Press Fitting Brass Female Threaded Adapter, 1" MLC Tubing x 1" NPT	102	\$47.55	10				R
	D4575075	MLC Press Fitting Brass Female Threaded Adapter, 1/2" MLC Tubing x 3/4" NPT	102	\$26.20	10				R
	D4576375	MLC Press Fitting Brass Female Threaded Adapter, 3/8" MLC Tubing x 3/4" NPT	102	\$20.05	10				R
	D4577510	MLC Press Fitting Brass Female Threaded Adapter, 3/4" MLC Tubing x 1" NPT	102	\$29.60	10				R

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New or Discont.	Part Number	Description	Page Number	2013 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Plumbing	Fire	Application Category	Category
	D4577575	MLC Press Fitting Brass Female Threaded Adapter, 3/4" MLC Tubing x 1/2" NPT	102	\$23.25	10				R	R
	D4701010	MLC Press Fitting Brass Tee, 1" MLC Tubing x 1" MLC Tubing x 1" MLC Tubing	101	\$38.05	10				R	R
	D4701150	MLC Press Fitting Brass Reducing Tee, 1" MLC Tubing x 1" MLC Tubing x 1/2" MLC Tubing	101	\$32.40	10				R	R
	D4701175	MLC Press Fitting Brass Reducing Tee, 1" MLC Tubing x 1" MLC Tubing x 3/4" MLC Tubing	101	\$33.35	10				R	R
	D4707550	MLC Press Fitting Brass Reducing Tee, 3/4" MLC Tubing x 3/4" MLC Tubing x 1/2" MLC Tubing	101	\$39.80	10				R	R
	D4707575	MLC Press Fitting Brass Tee, 3/4" MLC Tubing x 3/4" MLC Tubing x 3/4" MLC Tubing	101	\$27.85	10				R	R
	D4710625	MLC Press Fitting Brass Elbow, 3/8" MLC Tubing x 3/8" MLC Tubing	101	\$12.85	10				R	R
	D4710750	MLC Press Fitting Brass Elbow, 3/4" MLC Tubing x 3/4" MLC Tubing	101	\$24.20	10				R	R
	D4711000	MLC Press Fitting Brass Elbow, 1" MLC Tubing x 1" MLC Tubing	101	\$67.40	10				R	R
	D6100500	1/2" MLC Tubing T-handle Chamfering Tool	123	\$61.60	1				R	R
	D6100625	3/8" MLC Tubing T-handle Chamfering Tool	123	\$63.65	1				R	R
	D6100750	3/4" MLC Tubing T-handle Chamfering Tool	123	\$78.55	1				R	R
	D6101000	1" MLC Tubing T-handle Chamfering Tool	123	\$113.60	1				R	R
	D6105063	MLC Tubing Three-way Chamfering Tool, 1/2", 3/8", 3/4"	124	\$90.30	1				R	R
	D6165010	MLC Tubing Bending Tool (up to 1" Tubing)	124	\$1,059.50	1				R	R
	D6260000	Mini-Press Battery Tool Kit (No Jaws)	123	\$3,513.10	1				R	R
	D6260001	Mini-Press Tool Battery 9.6V, replacement part	123	\$353.95	1				R	R
	D6260002	Mini-Press Tool Battery Charger, replacement part	123	\$348.25	1				R	R
	D6260500	1/2" Press Jaw for Mini-Press Battery Tool	123	\$442.25	1				R	R
	D6260625	3/8" Press Jaw for Mini-Press Battery Tool	123	\$417.15	1				R	R
	D6260750	3/4" Press Jaw for Mini-Press Battery Tool	123	\$509.90	1				R	R
	D6261000	1" Press Jaw for Mini-Press Battery Tool	123	\$481.75	1				R	R
	D6261632	Mini-Press Battery Tool Kit (With Jaws)	123	\$6,443.25	1				R	R
	D6270500	1/2" Replacement Insert for MLC Press Fitting Manual Press Tool	123	\$384.40	1				R	R
	D6270625	3/8" Replacement Insert for MLC Press Fitting Manual Press Tool	123	\$354.65	1				R	R
	D6275063	MLC Press Fitting Manual Tool Kit	123	\$1,438.75	1				R	R
	E6021638	Pneumatic Stapler Kit	130	\$2,857.75	1				R	R
	E6025075	Manual Foam Stapler	130	\$920.30	1				R	R
	E6050000	Quik Trak Installation Tool Kit	105, 124	\$1,264.40	1				R	R
	E6050005	Quik Drive Bits and Tool (set of 3 square drive bits and 1 tool)	105, 124	\$29.85	1				R	R
	E6050010	Quik Trak Sealant, 10.3 fluid oz. (300 ml)	105, 129	\$16.55	24				R	R
	E6051250	Quik Trak Screws (1 1/4"), 2,500/pkg	105, 129	\$264.95	1				R	R
	E6061000	Tube Uncoiler	119	\$512.35	1		P	F	R	R
	E6062000	Select Uncoiler	119	\$1,835.14	1		P	F	R	R
	E6063000	Compact Select Uncoiler	119	\$1,362.06	1		P	F	R	R
	E6081125	Tube Cutter (metal) for up to 1" PEX	120	\$41.11	1		P	F	R	R
	E6081128	Tube Cutter (plastic) for up to 1" PEX and 3/4" MLC Tubing	120	\$33.71	1		P	F	R	R
	E6081140	Tube Cutter Replacement Blade for E6081125, spare part	120	\$16.85	1		P	F	R	R
	E6081143	Tube Cutter Replacement Blade for E6081128, spare part	120	\$24.10	1		P	F	R	R
	E6081501	Ratchet-style Tube Cutter for up to 1", PEX and MLC Tubing	120	\$38.35	1		P	F	R	R

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New or Discont.	Part Number	Description	Page Number	2013 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category			
							Plumbing	Fire	Radiant	
	E6081544	Tube Cutter Replacement Blade for E6081500, spare part	120	\$18.85	1		P	F	R	E
	E6081545	Tube Cutter Replacement Blade for E6081501, spare part	120	\$17.95	1					
	E6082000	Ratchet-style Large Dimension Tube Cutter for 1" to 2" PEX and 1" MLC Tubing	120	\$288.96	1		P	F	R	E
	E6082001	Tube Cutter Replacement Blade for E6082000, spare part	120	\$83.21	1		P		R	
	E6090005	Fixing Wire Twister	128, 129	\$7.15	1				R	
	E6091700	Ratchet-style Fixing Wire Twister	129	\$87.45	1				R	
	E6110046	TruFLOW Service Wrench, 46mm (1 1/8")	124	\$178.15	1				R	
	E6111188	1 1/2" Service Wrench	124	\$77.10	1				R	
	E6122000	Brass Manifold Pressure Test Kit	72	\$82.75	1				R	
	F1021250	1 1/2" Uponor AquaPEX White, 300-ft. coil	14, 43, 60	\$1,301.35	1		P		R	
	F1021500	1 1/2" Uponor AquaPEX White, 300-ft. coil	14, 43, 60	\$1,532.50	1		P		R	
	F1022000	2" Uponor AquaPEX White, 300-ft. coil	14, 43, 60	\$3,032.55	1		P		R	
	F1023000	3" Uponor AquaPEX White, 350-ft. coil	14, 60	\$4,872.50	1		P		R	
	F1035400	1/2" HDPE Corrugated Sleeve, Req. 400-ft. coil	17	\$228.20	1		P		R	
	F1040250	1/2" Uponor AquaPEX White, 100-ft. coil	14, 60	\$59.30	1		P		R	
	F1040500	1/2" Uponor AquaPEX White, 100-ft. coil	14, 43, 60	\$69.25	1		P	F	R	
	F1040750	3/4" Uponor AquaPEX White, 100-ft. coil	14, 43, 60	\$118.75	1		P	F	R	
	F1041000	1" Uponor AquaPEX White, 100-ft. coil	14, 43, 60	\$211.80	1		P	F	R	
	F1052000	2" Uponor AquaPEX White, 200-ft. coil	14, 43, 60	\$2,021.70	1		P		R	
	F1055400	1/2" HDPE Corrugated Sleeve, Blue, 400-ft. coil	17	\$228.20	1		P		R	
	F1060500	1/2" Uponor AquaPEX White, 300-ft. coil	14, 43, 60	\$207.70	1		P	F	R	
	F1060502	1/2" Uponor AquaPEX Purple Reclaimed Water, 300-ft. coil	16	\$207.70	1		P			
	F1060625	3/4" Uponor AquaPEX White, 300-ft. coil	60	\$316.70	1				R	
	F1060750	3/4" Uponor AquaPEX White, 300-ft. coil	14, 43, 60	\$356.10	1		P	F	R	
	F1060752	3/4" Uponor AquaPEX Purple Reclaimed Water, 300-ft. coil	16	\$356.10	1		P			
	F1061000	1" Uponor AquaPEX White, 300-ft. coil	14, 43, 60	\$635.50	1		P	F	R	
	F1061002	1" Uponor AquaPEX Purple Reclaimed Water, 300-ft. coil	16	\$635.50	1		P			
	F1061250	1 1/2" Uponor AquaPEX White, 100-ft. coil	14, 43, 60	\$433.85	1		P		R	
	F1061500	1 1/2" Uponor AquaPEX White, 100-ft. coil	14, 43, 60	\$510.85	1		P		R	
	F1062000	2" Uponor AquaPEX White, 100-ft. coil	14, 43, 60	\$1,010.85	1		P		R	
	F1063000	3" Uponor AquaPEX White, 100-ft. coil	14, 60	\$1,392.15	1		P		R	
	F1072512	3/4" O.D. x 12" Lav Riser	33	\$1.30	100		P			
	F1072520	3/4" O.D. x 20" Lav Riser	33	\$1.85	100		P			
	F1072530	3/4" O.D. x 30" Lav Riser	33	\$2.40	100		P			
	F1072536	3/4" O.D. x 36" Lav Riser	33	\$3.20	100		P			
	F1082512	3/4" O.D. x 12" Closet Riser	33	\$1.45	100		P			
	F1082520	3/4" O.D. x 20" Closet Riser	33	\$1.85	100		P			
	F1090375	3/4" Uponor AquaPEX White, 400-ft. coil	14, 60	\$242.35	1		P		R	
	F1091500	1/2" Pre-sleeved Uponor AquaPEX Blue Sleeve, 400-ft. coil	17	\$466.30	1		P			
	F1091750	3/4" Pre-sleeved Uponor AquaPEX Blue Sleeve, 400-ft. coil	17	\$719.45	1		P			

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# Alphanumeric Listing 2013

New or Discont.	Part Number	Description	Page Number	2013 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category			
							Plumbing	Fire	Radiant	Fire
	F1092500	1/2" Pre-sleeved Uponor AquaPEX Red Sleeve, 400-ft. coil	17	\$466.30	1		P			
	F1092750	3/4" Pre-Sleeved Uponor AquaPEX Red Sleeve, 400-ft. coil	17	\$719.45	1		P			
	F1100500	1/2" Uponor AquaPEX White, 500-ft. coil	14, 43, 60	\$346.25	1		P	F	R	
	F1100750	3/4" Uponor AquaPEX White, 500-ft. coil	14, 43, 60	\$593.50	1		P	F	R	
	F1101000	1" Uponor AquaPEX White, 500-ft. coil	14, 43, 60	\$1,059.20	1		P	F	R	
	F1120375	3/4" Uponor AquaPEX White, 1,000-ft. coil	14, 60	\$605.85	1		P			R
	F1120500	1/2" Uponor AquaPEX White, 1,000-ft. coil	14, 43, 60	\$692.40	1		P	F	R	
	F1120625	3/4" Uponor AquaPEX White, 1,000-ft. coil	60	\$1,055.70	1		P			R
	F1921000	1" Uponor AquaPEX White, 20-ft. straight length, 200 ft. (10 per bundle)	15, 43	\$423.70	1		P	F		
	F1921250	1 1/2" Uponor AquaPEX White, 20-ft. straight length, 100 ft. (5 per bundle)	15, 43	\$433.85	1		P		R	
	F1921500	1 1/2" Uponor AquaPEX White, 20-ft. straight length, 100 ft. (5 per bundle)	15, 43	\$510.85	1		P		R	
	F1922000	2" Uponor AquaPEX White, 20-ft. straight length, 100 ft. (5 per bundle)	15, 43	\$1,010.85	1		P		R	
	F1923000	3" Uponor AquaPEX White, 20-ft. straight length, 60 ft. (3 per bundle)	15	\$808.35	1		P		R	
	F1930500	1/2" Uponor AquaPEX White, 20-ft. straight length, 500 ft. (25 per bundle)	15, 43	\$346.20	1		P	F	R	
	F1930750	3/4" Uponor AquaPEX White, 20-ft. straight length, 300 ft. (15 per bundle)	15, 43	\$356.10	1		P	F	R	
	F2040500	1/2" Uponor AquaPEX Red, 100-ft. coil	15	\$69.25	1		P			
	F2040750	3/4" Uponor AquaPEX Red, 100-ft. coil	15	\$118.75	1		P			
	F2041000	1" Uponor AquaPEX Red, 100-ft. coil	15	\$211.80	1		P			
	F2060500	1/2" Uponor AquaPEX Red, 300-ft. coil	15	\$207.70	1		P			
	F2060750	3/4" Uponor AquaPEX Red, 300-ft. coil	15	\$356.10	1		P			
	F2061000	1" Uponor AquaPEX Red, 300-ft. coil	15	\$635.50	1		P			
	F2100750	3/4" Uponor AquaPEX Red, 500-ft. coil	15	\$593.50	1		P			
	F2101000	1" Uponor AquaPEX Red, 500-ft. coil	15	\$1,059.20	1		P			
	F2120500	1/2" Uponor AquaPEX Red, 1,000-ft. coil	15	\$692.40	1		P			
	F2741050	1" Copper Valveless Manifold, 2 outlets, 1/2" sweat, 1 1/2" on center	38	\$50.65	1		P			
	F2751050	1" Copper Valveless Manifold, 3 outlets, 1/2" sweat, 1 1/2" on center	38	\$52.10	1		P			
	F2761050	1" Copper Valveless Manifold, 4 outlets, 1/2" sweat, 1 1/2" on center	38	\$56.40	1		P			
	F2801575	1 1/2" x 6" Copper Valveless Manifold with 24 outlets, 3/4" sweat	38	\$507.30	1		P			
	F2802075	2" x 6" Copper Valveless Manifold with 24 outlets, 3/4" sweat	38	\$732.90	1		P			
	F2811220	2" x 4" Copper Valved Manifold with R20 Threaded Ball Valves, 12 outlets	75	\$930.15	1		P		R	
	F2811225	2" x 4" Copper Valved Manifold with R25 Threaded Ball Valves, 12 outlets	75	\$965.90	1		P		R	
	F2821220	2" x 4" Copper Valved Manifold with R20 Threaded Ball and Balancing Valves, 12 outlets	75	\$1,596.60	1		P		R	
	F2821225	2" x 4" Copper Valved Manifold with R25 Threaded Ball and Balancing Valves, 12 outlets	75	\$1,370.65	1		P		R	
	F2921000	1" Uponor AquaPEX Red, 20-ft. straight length, 200 ft. (10 per bundle)	15	\$423.70	1		P			
	F2930500	1/2" Uponor AquaPEX Red, 20-ft. straight length, 500 ft. (25 per bundle)	15	\$346.20	1		P			
	F2930750	3/4" Uponor AquaPEX Red, 20-ft. straight length, 300 ft. (15 per bundle)	15	\$356.10	1		P			
	F3040500	1/2" Uponor AquaPEX Blue, 100-ft. coil	16	\$69.25	1		P			
	F3040750	3/4" Uponor AquaPEX Blue, 100-ft. coil	16	\$118.75	1		P			
	F3041000	1" Uponor AquaPEX Blue, 100-ft. coil	16	\$211.80	1		P			
	F3060500	1/2" Uponor AquaPEX Blue, 300-ft. coil	16	\$207.70	1		P			

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New or Discont.	Part Number	Description	Page Number	2013 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Plumbing	Product Application Category	Fire	Radiant	Ecoflex
	F3060750	3/4" Uponor AquaPEX Blue, 300-ft. coil	16	\$356.10	1		P				
	F3061000	1" Uponor AquaPEX Blue, 300-ft. coil	16	\$635.50	1		P				
	F3100750	3/4" Uponor AquaPEX Blue, 500-ft. coil	16	\$593.50	1		P				
	F3101000	1" Uponor AquaPEX Blue, 500-ft. coil	16	\$1,059.20	1		P				
	F3120500	1/2" Uponor AquaPEX Blue, 1,000-ft. coil	16	\$692.40	1		P				
	F3921000	1" Uponor AquaPEX Blue, 20-ft. straight length, 200 ft. (10 per bundle)	16	\$423.70	1		P				
	F3930500	1/2" Uponor AquaPEX Blue, 20-ft. straight length, 500 ft. (25 per bundle)	16	\$346.20	1		P				
	F3930750	3/4" Uponor AquaPEX Blue, 20-ft. straight length, 300 ft. (15 per bundle)	16	\$356.10	1		P				
	F4350500	1/2" Protective Tubing Cap	127	\$0.55	50		P	F	R		
	F4350625	3/8" Protective Tubing Cap	127	\$0.55	50						
	F4350750	1/2" Protective Tubing Cap	127	\$1.05	50		P	F	R		
	F4351000	1" Protective Tubing Cap	127	\$1.15	50		P	F	R		
	F4440500	1/2" Compression Ring (brass)	32	\$1.25	10		P				
	F5120375	3/8" Metal Drop Ear Bend Support	126	\$8.05	25		P			R	
	F5120500	1/2" Metal Drop Ear Bend Support	126	\$8.40	25		P				
	F5140500	1/2" Metal Straight-through Support	126	\$11.20	25		P	F	R		
	F5200375	3/8" Plastic Drop Ear Bend Support	125	\$3.25	25		P				
	F5200500	1/2" Plastic Drop Ear Bend Support	125	\$3.15	25		P				
	F5400250	1/2" Insert (stainless steel)	35	\$0.95	10		P				
	F5400500	1/2" Insert (stainless steel)	32	\$1.70	10		P			R	
	F5600500	Chrome Finishing Sleeve for 1/2" PEX (1/16" O.D.)	33	\$5.30	25		P				
	F5650500	ProPEX Escutcheon for 1/2" PEX (1/16" O.D.), chrome-plated	32	\$10.35	25		P				
	F5670500	ProPEX Escutcheon for 1/2" PEX (1/16" O.D.), white	32	\$2.90	25		P				
	F5700002	Steel Plate Protector, 100/pkg.	129	\$34.50	1		P	F	R		
	F5801000	Single-tube PEX Stand-up Bracket for 1/2" PEX	126	\$13.65	60		P			R	
	F5805000	Five-tube PEX Stand-up Bracket for 1/2" PEX	126	\$49.35	16		P			R	
	F6040500	1/2" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil	16, 111	\$295.65	1		P				
	F6040750	3/4" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil	16, 111	\$342.30	1		P				
	F6041000	1" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil	16, 111	\$436.85	1		P				
	F6041250	1 1/4" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil	16, 111	\$697.20	1		P				
	F6041500	1 1/2" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil	16, 111	\$792.65	1		P				
	F6042000	2" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil	16, 111	\$1,352.85	1		P				
	F6921250	1 1/4" Pre-insulated Uponor AquaPEX with 1/2" insulation, 20-ft. straight length, 100 ft.	17, 111	\$697.20	1						
	F6921500	1 1/2" Pre-insulated Uponor AquaPEX with 1/2" insulation, 20-ft. straight length, 100 ft.	17, 111	\$792.65	1						
	F6922000	2" Pre-insulated Uponor AquaPEX with 1/2" insulation, 20-ft. straight length, 100 ft.	17, 111	\$1,352.85	1		P				
	F7000005	Fire Sprinkler Adapter Push-on Nut, 25/pkg.	44	\$55.00	1			F			
	F7001500	Screws, #10 x 1 1/2", Pan Head, Full Thread, 100/pkg.	44	\$22.00	1			F			
New	F7040500	1/2" PEX-a Pipe Support, 9-ft. length	125	\$16.75	5		P	F	R		
New	F7040750	3/4" PEX-a Pipe Support, 9-ft. length	125	\$19.95	5		P	F	R		
New	F7041000	1" PEX-a Pipe Support, 9-ft. length	125	\$23.55	5		P	F	R		

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New or Discont.	Part Number	Description	Page Number	2013 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category			
							Plumbing	Fire	Radiant	Ecoflex
New	F7041250	1 1/2" PEX-a Pipe Support, 9-ft. Length	125	\$27.15	5		P	F	R	
New	F7041500	1 1/2" PEX-a Pipe Support, 9-ft. Length	125	\$32.40	5		P	F	R	
New	F7042000	2" PEX-a Pipe Support, 9-ft. Length	125	\$35.60	5		P	F	R	
	F7050375	Tube Talon (3/8" PEX), 100/pkg.	127	\$29.05	1		P	F	R	
	F7050750	Tube Talon (1/2", 3/4", 1" PEX), 100/bag	127	\$25.35	1		P	F	R	
	F7051000	Tube Talon (1" PEX), 50/pkg.	127	\$31.50	1		P	F	R	
	F7051001	1" PEX Clip, 50/pkg.	127	\$144.70	1		P	F	R	
	F7051258	1/2" PEX Clip, 100/pkg.	127	\$95.65	1		P	F	R	
	F7057500	3/4" PEX Clip, 100/pkg.	127	\$244.35	1		P	F	R	
	F7060375	3/4" PEX Clip, 100/pkg.	127	\$95.65	1		P	F	R	
	F8152000	2" Uponor AquaPEX Expansion Joint	15	\$42.80	1		P			
	LF2500400	1" Copper Manifold with LF Brass 1/2" ProPEX Ball Valve, 4 outlets	38	\$214.45	1		P			
	LF2500600	1" Copper Manifold with LF Brass 1/2" ProPEX Ball Valve, 6 outlets	38	\$302.75	1		P			
	LF2500800	1" Copper Manifold with LF Brass 1/2" ProPEX Ball Valve, 8 outlets	38	\$400.30	1		P			
	LF2501000	1" Copper Manifold with LF Brass 1/2" ProPEX Ball Valve, 10 outlets	38	\$489.15	1		P			
	LF2501200	1" Copper Manifold with LF Brass 1/2" ProPEX Ball Valve, 12 outlets	38	\$571.30	1		P			
	LF2512450	1" x 6" Copper Manifold with 24 LF Brass outlets, 1/2" ProPEX, 3" on center	38	\$557.15	1		P			
	LF2801050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 4 outlets	37, 49	\$72.60	1		P	F		
	LF2807550	1" Copper Branch Manifold, 4 LF Brass outlets, 1/2" LF Brass ProPEX Inlet	37	\$88.75	1	Q2247550, Q2347550	P	F		
	LF2811050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 6 outlets	37, 49	\$99.05	1		P	F		
	LF2817550	1" Copper Branch Manifold, 6 LF Brass outlets, 3/4" LF Brass ProPEX Inlet	37	\$137.25	1	Q2267550, Q2261050	P	F		
	LF2821050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 8 outlets	37, 49	\$124.75	1		P	F		
	LF2827550	1" Copper Branch Manifold, 8 LF Brass outlets, 1/2" LF Brass ProPEX Inlet	37	\$172.65	1	Q2087550, Q2287550, Q2387550	P	F		
	LF2831050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 10 outlets	37, 49	\$155.65	1		P	F		
	LF2837550	1" Copper Branch Manifold, 10 LF Brass outlets, 3/4" LF Brass ProPEX Inlet	37	\$191.10	1	Q2101051, Q2101000	P	F		
	LF2841050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 12 outlets	37, 49	\$191.20	1		P	F		
	LF2855050	ProPEX LF Copper Stub Ell, 1/2" PEX LF Brass x 1/2" Copper (13" x 8")	34	\$24.20	25		P			
	LF2865050	ProPEX Copper Stub Ell, 1/2" PEX Brass x 1/2" Copper (3 1/2" x 8")	34	\$16.95	25		P			
	LF2875050	ProPEX LF Copper Tub Ell, 1/2" PEX LF Brass x 1/2" Copper (3" x 6")	34	\$15.35	25		P			
	LF2885050	ProPEX LF Copper Tub Ell, 1/2" PEX LF Brass x 1/2" Copper (3" x 4")	34	\$13.90	25		P			
	LF2895050	ProPEX LF Copper Stub Ell, 1/2" PEX LF Brass x 1/2" Copper (8" x 13")	34	\$24.85	25		P			
	LF2897575	ProPEX LF Copper Stub Ell, 3/4" PEX LF Brass x 3/4" Copper (4" x 8")	34	\$38.00	25		P			
	LF2935050	ProPEX LF Copper Straight Stub, 1/2" PEX LF Brass x 1/2" Copper (8")	34	\$17.45	25		P			
	LF2945050	ProPEX LF Copper Straight Stub, 1/2" PEX LF Brass x 1/2" Copper (15")	34	\$20.90	25		P			
	LF2957575	ProPEX LF Water Heater Adapter, 1/4" PEX LF Brass x 3/4" FIP x 18"	30	\$52.40	20		P			
	LF4125050	ProPEX LF Brass Elbow, 1/2" PEX x 1/2" MIP	22, 91	\$12.50	25		P		R	
	LF4231010	ProPEX Drop Ear LF Brass Elbow, 1" PEX x 1" FIP	23	\$47.60	4		P			
	LF4235038	ProPEX Drop Ear LF Brass Elbow, 1/2" PEX x 3/8" FIP	23	\$18.25	25		P			
	LF4235050	ProPEX Drop Ear LF Brass Elbow, 1/2" PEX x 1/2" FIP	23	\$14.85	25	Q4235050	P			
	LF4237575	ProPEX Drop Ear LF Brass Elbow, 3/4" PEX x 3/4" FIP	23	\$31.60	4		P			

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New or Discont.	Part Number	Description	Page Number	2013 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category			
							Plumbing	Fire	Radiant	Ecoflex
	LF4410500	LF Brass Compression Angle Stop Valve for 1/2" PEX	32	\$19.20	10		P			
	LF4420500	LF Brass Compression Straight Stop Valve for 1/2" PEX	32	\$22.10	10	F4420500	P			
	LF4455050	ProPEX LF Brass In-line Ice Maker Tee, 1/2" PEX x 1/2" PEX x 1/2" O.D. compression	35	\$63.30	10		P			
	LF4501010	ProPEX LF Brass Fitting Adapter, 1" PEX x 1" Copper	30, 98	\$15.60	10		P		R	E
	LF4501313	ProPEX LF Brass Fitting Adapter, 1 1/4" PEX x 1 1/4" Copper	30, 98	\$34.55	1		P		R	E
	LF4501515	ProPEX LF Brass Fitting Adapter, 1 1/2" PEX x 1 1/2" Copper	30, 98	\$57.00	1	Q4501515	P			E
	LF4502020	ProPEX LF Brass Fitting Adapter, 2" PEX x 2" Copper	30, 98	\$172.95	1		P	F		
	LF4505050	ProPEX LF Brass Fitting Adapter, 1/2" PEX x 1/2" Copper	30, 98	\$3.80	25	V4505050	P		R	
	LF4505075	ProPEX LF Brass Fitting Adapter, 1/2" PEX x 3/4" Copper	30, 98	\$7.50	25		P		R	
	LF4507510	ProPEX LF Brass Fitting Adapter, 3/4" PEX x 1" Copper	30, 98	\$16.65	10		P			
	LF4507550	ProPEX LF Brass Fitting Adapter, 3/4" PEX x 1 1/2" Copper	30, 98	\$15.40	25		P			
	LF4507575	ProPEX LF Brass Fitting Adapter, 3/4" PEX x 3/4" Copper	30, 98	\$8.40	25	V4507575	P		R	
	LF4511010	ProPEX LF Brass Sweat Adapter, 1" PEX x 1" Copper	29, 53, 97	\$14.75	10	V4511010	P	F	R	E
	LF4511313	ProPEX LF Brass Sweat Adapter, 1 1/4" PEX x 1 1/4" Copper	29, 53, 97	\$39.15	1	Q4511313, V4511313	P		R	E
	LF4511515	ProPEX LF Brass Sweat Adapter, 1 1/2" PEX x 1 1/2" Copper	29, 53, 97	\$59.90	1	Q4511515, V4511515	P		R	E
	LF4512020	ProPEX LF Brass Sweat Adapter, 2" PEX x 2" Copper	29, 53, 97	\$172.95	1		P			E
	LF4513850	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 1/2" Copper	29, 97	\$9.00	25		P			
	LF4515050	ProPEX LF Brass Sweat Adapter, 1/2" PEX x 1/2" Copper	29, 97	\$3.85	25	V4515050	P		R	
	LF4515075	ProPEX LF Brass Fitting Adapter, 1/2" PEX x 3/4" Copper	29, 97	\$7.60	25		P		R	
	LF4517510	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 1" Copper	29, 97	\$17.25	10		P			
	LF4517550	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 1/2" Copper	29, 97	\$14.05	25		P			
	LF4517575	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 3/4" Copper	29, 53, 97	\$8.85	25	V4517575	P	F	R	
	LF4521010	ProPEX LF Brass Male Threaded Adapter, 1" PEX x 1" NPT	27, 53, 95	\$20.75	10		P	F	R	E
	LF4521075	ProPEX LF Brass Male Threaded Adapter, 1" PEX x 3/4" NPT	27, 95	\$21.15	10		P			
	LF4521313	ProPEX LF Brass Male Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	27, 53, 95	\$46.85	1		P		R	E
	LF4521515	ProPEX LF Brass Male Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	27, 53, 95	\$62.65	1	Q4521515	P			E
	LF4522020	ProPEX LF Brass Male Threaded Adapter, 2" PEX x 2" NPT	27, 53, 95	\$192.15	1		P			E
	LF4523850	ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 1/2" NPT	27, 95	\$11.55	25		P			
	LF4525050	ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 1/2" NPT	27, 95	\$5.55	25	V4525050	P		R	
	LF4525075	ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 3/4" NPT	27, 95	\$14.05	25		P			
	LF4527510	ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 1" NPT	27, 95	\$21.15	10		P			
	LF4527575	ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	27, 53, 95	\$10.05	25	V4527575	P	F	R	
	LF4541010	ProPEX LF Brass Coupling, 1" PEX x 1" PEX	21, 49, 89	\$16.55	10	Q4771010, Q4541010	P	F		E
	LF4543850	ProPEX LF Brass Coupling, 3/4" PEX x 1/2" PEX	21, 89	\$10.25	25	Q4543850, V4543850	P	F		
	LF4545050	ProPEX LF Brass Coupling, 1/2" PEX x 1/2" PEX	21, 49, 89	\$5.95	25	Q4775050	P	F		
	LF4547510	ProPEX LF Brass Coupling, 3/4" PEX x 1" PEX	21, 49, 89	\$14.05	10	Q4777510	P	F		
	LF4547575	ProPEX LF Brass Coupling, 3/4" PEX x 3/4" PEX	21, 49, 89	\$9.10	25	Q4777575, Q4547575	P	F		
	LF4571010	ProPEX LF Brass Female Threaded Adapter, 1" PEX x 1" NPT	28, 53, 96	\$26.20	10		P	F	R	E
	LF4571313	ProPEX LF Brass Female Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	28, 53, 96	\$48.05	1	Q4571313	P	F	R	E
	LF4571515	ProPEX LF Brass Female Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	28, 53, 96	\$102.50	1		P		R	E

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New or Discont.	Part Number	Description	Page Number	2013 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product, Application Category			
							Plumbing	Fire	Radiant	Ecoflex
	LF4572020	ProPEX LF Brass Female Threaded Adapter, 2" PEX x 2" NPT	28, 53, 96	\$237.00	1		P		R	E
	LF4575050	ProPEX LF Brass Female Threaded Adapter, 1/2" PEX x 1/2" NPT	28, 96	\$11.10	25		P		R	
	LF4575075	ProPEX LF Brass Female Threaded Adapter, 1/2" PEX x 3/4" NPT	28, 96	\$17.95	25		P			
	LF4577510	ProPEX LF Brass Female Threaded Adapter, 3/4" PEX x 1" NPT	28, 96	\$38.45	10		P			
	LF4577575	ProPEX LF Brass Female Threaded Adapter, 3/4" PEX x 3/4" NPT	28, 53, 96	\$12.40	25		P	F	R	
	LF4585050	ProPEX LF Brass to PB Coupling, 1/2" PEX x 1/2" PB	22, 90	\$10.80	25		P			
	LF4587575	ProPEX LF Brass to PB Coupling, 3/4" PEX x 3/4" PB	22, 90	\$17.95	25		P			
	LF4591010	ProPEX LF Brass to PE Coupling, 1" PEX x 1" PE	22, 90	\$28.20	10		P			
	LF4655050	ProPEX LF Brass Swivel Faucet Adapter, 1/2" PEX x 1/2" NPSM	27	\$13.80	25	Q4360500, Q4655050	P			
	LF4701010	ProPEX LF Brass Tee, 1" PEX x 1" PEX x 1" PEX	23, 52, 91	\$30.20	10	Q4751010	P	F		E
	LF4701150	ProPEX LF Brass Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	24, 50, 92	\$30.20	10	Q4751150	P	F		
	LF4701175	ProPEX LF Brass Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	24, 50, 92	\$30.20	10	Q4751175	P	F		
	LF4701751	ProPEX LF Brass Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	24, 50, 92	\$30.20	10	Q4751751	P	F		
	LF4701775	ProPEX LF Brass Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	24, 50, 92	\$30.20	10	Q4751775	P	F		
	LF4705050	ProPEX LF Brass Tee, 1/2" PEX x 1/2" PEX x 1/2" PEX	23, 52, 91	\$10.05	25	Q4755050	P	F		
	LF4707550	ProPEX LF Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX	24, 50, 92	\$16.35	25	Q4757550	P	F		
	LF4707575	ProPEX LF Brass Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX	23, 52, 91	\$16.35	25	Q4757575	P	F		
	LF4707710	ProPEX LF Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	24, 50, 92	\$26.35	10	Q4757710	P	F		
	LF4710750	ProPEX LF Brass Elbow, 3/4" PEX x 3/4" PEX	22, 52, 90	\$11.65	25	Q4760750	P	F		
	LF4711000	ProPEX LF Brass Elbow, 1" PEX x 1" PEX	22, 52, 90	\$18.75	10	Q4761000	P	F		E
	LF4795050	ProPEX LF Brass Ball Valve, 1/2" PEX x 1/2" MIP	33	\$27.60	10		P			
	LF4805050	ProPEX LF Brass Ball Valve (large bore), 1/2" PEX x 1/2" Copper Adapter	33	\$23.90	10	Q4805050	P			
	LF4807575	ProPEX LF Brass Ball Valve (large bore), 3/4" PEX x 3/4" Copper Adapter	33	\$44.65	10		P			
	LF4815050	ProPEX LF Brass Ball Valve (large bore), 1/2" PEX x 1/2" PEX	32	\$28.10	10	Q4905050	P			
	LF4817575	ProPEX LF Brass Ball Valve (large bore), 3/4" PEX x 3/4" PEX	32	\$37.30	10	Q4837575, LF4827575	P			
	LF4821010	ProPEX LF Brass Ball Valve (full port), 1" PEX x 1" PEX	32	\$73.40	10		P			
	LF4827575	ProPEX LF Brass Ball Valve (full port), 3/4" PEX x 3/4" PEX	32	\$53.20	10		P			
	LF4855038	ProPEX LF Brass Angle Stop Valve (full port), 1/2" PEX	31	\$18.75	10	Q4905038	P			
	LF4865038	ProPEX LF Brass Straight Stop Valve (full port), 1/2" PEX	31	\$19.05	10	Q4935038	P			
	LF5930500	ProPEX Washing Machine Outlet Box, 1/2" LF Brass Valves	34	\$77.15	12		P			
	LF5955025	ProPEX Ice Maker Box with Support Brackets, 1/2" LF Brass Valve	35	\$45.60	12		P			
	LF6700002	LF D'MAND Model 200	39	\$1,799.25	1	Q6700002	P			
	LF6700070	LF D'MAND Model 100	39	\$1,049.55	1	Q6700070	P			
New	LF73000WH	LF Recessed Pendant Sprinkler, 155F, 3.1 K-factor, White	45	\$64.00	5		P	F		
New	LF73001WH	LF Recessed Pendant Sprinkler, 175F, 3.1 K-factor, White	45	\$64.00	5		P	F		
New	LF74000HS	LF Flat Concealed Horizontal Sidewall Sprinkler, 165F, 4.0 K-factor	45	\$140.00	5		P	F		
New	LF74300BR	LF RFC43 (165F) Flat Concealed Sprinkler	45	\$73.50	5		P	F		
New	LF74300HW	LF Recessed Horizontal Sidewall Sprinkler, 155F, 4.3 K-factor, White	45	\$65.00	5		P	F		
New	LF74301HW	LF Recessed Horizontal Sidewall Sprinkler, 175F, 4.3 K-factor, White	45	\$65.00	5		P	F		
New	LF74900FC	LF RFC49 (165F) Flat Concealed Sprinkler	45	\$73.50	5		P	F		

# Alphanumeric Listing 2013

New or Discount.	Part Number	Description	Page Number	2013 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Plumbing	Fire	Product Application Category	Ecoflex
New	LF74900WH	LF Recessed Pendant Sprinkler, 155F, 4.9 K-factor, White	45	\$64.00	5			F		
New	LF74901WH	LF Recessed Pendant Sprinkler, 175F, 4.9 K-factor, White	45	\$64.00	5			F		
	LF7701010	ProPEX LF Brass Fire Sprinkler Adapter Tee, 1" PEX x 1" PEX x 1/2" FNPT	44	\$43.00	5			F		
	LF7707575	ProPEX LF Brass Fire Sprinkler Adapter Tee, 3/4" PEX x 3/4" PEX x 1/2" FNPT	44	\$40.00	5			F		
	Q2077550	3/4" EP Branch Multi-port Elbow, 7 outlets with mounting clips	20	\$54.50	1		P			
	Q2087550	3/4" EP Branch Multi-port Elbow, 8 outlets with mounting clips	20	\$59.10	1	Q2287550, Q2387550, LF2827550	P			
	Q2101000	1" EP Branch Multi-port Tee, 10 outlets with mounting clips	20	\$62.75	1	Q2101051, LF2837550	P			
	Q2101051	1" EP Branch Multi-port Tee, 10 outlets with mounting clips	20	\$62.60	1	LF2837550, Q2101000	P			
	Q2110300	EP Valved Manifold, Kit C, 3 outlets with 1/2" ProPEX	35	\$92.65	1		P			
	Q2110400	EP Valved Manifold, Kit D, 4 outlets with 1/2" ProPEX	35	\$111.15	1		P			
	Q2120001	EP Valved Manifold Red Valve Clip	36	\$1.20	100		P			
	Q2120002	EP Valved Manifold Blue Valve Clip	36	\$1.20	100		P			
	Q2120010	EP Valved Manifold Valve-turning Tool, replacement part	36	\$3.45	10		P			
	Q2120020	EP Valved Manifold Assembly/Mounting Bracket	36	\$8.20	10		P			
	Q2120050	EP Valved Manifold Valve Cylinder with O-rings	36	\$13.00	10		P			
	Q2120750	EP Valved Manifold, 3/4" ProPEX Inlet	35	\$13.15	10		P			
	Q2121000	EP Valved Manifold, 1" ProPEX Inlet	35	\$14.20	10		P			
	Q2121051	1" EP Branch Multi-port Tee, 12 outlets with mounting clips	20	\$66.95	1		P			
	Q2121250	EP Valved Manifold End Cap	35	\$13.15	10		P			
	Q2121251	EP Valved Manifold Stop Coupling	36	\$18.00	10		P			
	Q2121313	EP Valved Manifold Flow-through Coupling	36	\$15.45	10		P			
Disc.	Q2210800	EP Valveless Branch Manifold, 8 outlets, 1" ProPEX	36	\$63.45	1		P			
	Q2227557	EP Flow-through Multi-port Tee, 2 outlets, 3/4" x 3/4" ProPEX	18	\$8.55	10		P			
	Q2235577	EP Flow-through Multi-port Tee, 3 outlets, 3/4" x 3/4" ProPEX	19	\$31.15	10		P			
	Q2237550	3/4" EP Branch Multi-port Tee, 3 outlets	18	\$10.00	10	LF2807550, Q2347550	P			
	Q2237557	EP Flow-through Multi-port Tee, 3 outlets, 3/4" x 3/4" ProPEX	18	\$11.60	10		P			
	Q2237757	EP Flow-through Multi-port Vertical Tee, 3 outlets, 3/4" x 3/4" x 3/4" ProPEX	19	\$36.50	10		P			
	Q2240800	EP Flow-through Valveless Manifold, 8 outlets, 1" x 3/4" ProPEX	36	\$92.20	1		P			
	Q2241000	EP Flow-through Valveless Manifold, 10 outlets, 1" x 3/4" ProPEX	36	\$103.85	1		P			
	Q2241057	EP Flow-through Multi-port Tee, 4 outlets, 1" x 3/4" ProPEX	18	\$32.05	10		P			
Disc.	Q2241200	EP Flow-through Valveless Manifold, 12 outlets, 1" x 3/4" ProPEX	36	\$88.25	1		P			
	Q2245577	EP Flow-through Multi-port Tee, 3 outlets, 3/4" x 3/4" ProPEX	19	\$31.15	10		P			
	Q2247550	3/4" EP Branch Multi-port Tee, 4 outlets	18	\$14.50	10	Q2347550, LF2807550	P			
	Q2247557	EP Flow-through Multi-port Tee, 4 outlets, 3/4" x 3/4" ProPEX	18	\$14.50	10		P			
	Q2247577	EP Flow-through Multi-port Horizontal Tee, 4 outlets, 3/4" x 3/4" x 3/4" ProPEX	19	\$40.80	10		P			
	Q2247757	EP Flow-through Multi-port Vertical Tee, 4 outlets, 3/4" x 3/4" x 3/4" ProPEX	19	\$40.80	10		P			
	Q2261050	1" EP Branch Multi-port Tee, 6 outlets	18	\$41.95	10	Q2267550, LF2817550	P			
	Q2261051	EP Flow-through Multi-port Tee, 6 outlets, 1" x 1" ProPEX	18	\$41.95	10		P			
	Q2261057	EP Flow-through Multi-port Tee, 6 outlets, 1" x 3/4" ProPEX	18	\$41.95	10		P			
	Q2267550	3/4" EP Branch Multi-port Tee, 6 outlets	18	\$17.50	10	Q2261050, LF2817550	P			

Uponor reserves the right to increase quantities to the next package allowable. U.S.



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New or Discount.	Part Number	Description	Page Number	2013 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category		
							Plumbing	Fire	Radiant
	Q2267557	EP Flow-through Multi-port Tee, 6 outlets, 3/4" x 3/4" ProPEX	18	\$17.50	10		P		
New	Q2271051	1" EP Branch Multi-port Tee, 7 outlets with mounting clips	20	\$52.85	1		P		
	Q2277550	3/4" EP Branch Multi-port Tee, 7 outlets with mounting clips	20	\$54.45	1	Q2087550, Q2387550, LF2827550	P		
New	Q2281051	1" EP Branch Multi-port Tee, 8 outlets with mounting clips	20	\$57.50	1		P		
	Q2287550	3/4" EP Branch Multi-port Tee, 8 outlets with mounting clips	20	\$59.35	1		P		
	Q2337550	3/4" EP Branch Opposing-port Multi-port Tee, 3 outlets	19	\$18.65	10		P		
	Q2337557	EP Flow-through Opposing-port Multi-port Tee, 3 outlets, 3/4" x 3/4" ProPEX	18	\$18.60	10		P		
	Q2347550	3/4" EP Branch Opposing-port Multi-port Tee, 4 outlets	19	\$25.10	10	Q2247550, LF2807550	P		
	Q2347557	EP Flow-through Opposing-port Multi-port Tee, 4 outlets, 3/4" x 3/4" ProPEX	18	\$25.25	10		P		
	Q2367557	EP Flow-through Opposing-port Multi-port Tee, 6 outlets, 3/4" x 3/4" ProPEX	18	\$38.65	10		P		
	Q2387550	3/4" EP Branch Opposing-port Multi-port Tee, 8 outlets	19	\$42.45	10	Q2087550, Q2287550, LF2827550	P		
	Q2811263	2" x 4" Copper Valved Manifold with 3/8" ProPEX Ball Valves, 12 outlets	75	\$1,075.25	1				R
	Q2811275	2" x 4" Copper Valved Manifold with 3/4" ProPEX Ball Valves, 12 outlets	75	\$1,114.55	1				R
	Q2821263	2" x 4" Copper Valved Manifold with 3/8" ProPEX Ball and Balancing Valves, 12 outlets	75	\$1,601.65	1				R
	Q2821275	2" x 4" Copper Valved Manifold with 3/4" ProPEX Ball and Balancing Valves, 12 outlets	75	\$1,373.50	1				R
	Q2831263	2" x 4" Copper Valveless Manifold with 3/8" ProPEX, 12 outlets	75	\$704.95	1				R
	Q2831275	2" x 4" Copper Valveless Manifold with 3/4" ProPEX, 12 outlets	75	\$704.95	1				R
	Q4020375	3/8" ProPEX Fitting Assembly, R20 Thread	62, 68, 73	\$10.80	10				R
	Q4020500	1/2" ProPEX Fitting Assembly, R20 Thread	62, 68, 73	\$9.05	10				R
	Q4020625	3/8" ProPEX Fitting Assembly, R20 Thread	62, 68, 73	\$10.90	10				R
	Q4020750	3/4" ProPEX Fitting Assembly, R20 Thread	62, 68, 73	\$17.85	10				R
	Q4030625	3/4" ProPEX Fitting Assembly, R25 thread	73	\$16.50	10				R
	Q4030750	3/4" ProPEX Fitting Assembly, R25 Thread	73	\$24.15	10				R
	Q4143210	ProPEX Manifold Straight Adapter, R32 x 1" ProPEX	62, 68, 72	\$30.00	10				R
New	Q4143213	ProPEX Manifold Straight Adapter, R32 x 1 1/2" ProPEX	62, 68, 72	\$35.00	10				R
New	Q4143215	ProPEX Manifold Straight Adapter, R32 x 1 1/2" ProPEX	62, 68, 72	\$37.00	10				R
	Q4143275	ProPEX Manifold Straight Adapter, R32 x 3/4" ProPEX	62, 68, 72	\$33.70	10				R
	Q4153210	ProPEX Manifold Elbow Adapter, R32 x 1" ProPEX	62, 68, 72	\$41.75	10				R
New	Q4153213	ProPEX Manifold Elbow Adapter, R32 x 1 1/4" ProPEX	62, 68, 72	\$50.00	10				R
New	Q4153215	ProPEX Manifold Elbow Adapter, R32 x 1 1/2" ProPEX	62, 68, 72	\$52.00	10				R
	Q4153275	ProPEX Manifold Elbow Adapter, R32 x 3/4" ProPEX	62, 68, 72	\$42.25	10				R
Disc.	Q4235050	ProPEX Drop Ear Brass Elbow, 1/2" PEX x 1/2" FIP	23	\$7.50	25	LF4235050	P		
	Q4300250	Riser Washer	33	\$32.40	1		P		
	Q4340500	ProPEX EP Swivel Closet Adapter, 1/2" PEX x 7/8" Ballcock	26	\$3.85	25		P		
	Q4350500	ProPEX EP Plug for 1/2" PEX	26, 53, 94	\$1.15	25		P		R
	Q4350750	ProPEX EP Plug for 3/4" PEX	26, 53, 94	\$1.80	25		P		R
	Q4351000	ProPEX EP Plug for 1" PEX	26, 53, 94	\$2.45	10		P		R
	Q4351250	ProPEX EP Plug for 1 1/4" PEX	26, 53, 94	\$13.40	1		P		R
	Q4351500	ProPEX EP Plug for 1 1/2" PEX	26, 53, 94	\$20.65	1		P		R
	Q4352000	ProPEX EP Plug for 2" PEX	26, 53, 94	\$31.30	1		P		R

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New or Disc.	Part Number	Description	Page Number	2013 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category			
							Plumbing	Fire	Radiant	Ecoflex
	Q4360500	ProPEX EP Swivel Faucet Adapter, 1/2" PEX x 1/2" NPSM	27	\$3.20	25	LF4655050, Q4655050	P			
	Q4375075	ProPEX Baseboard Elbow, 1/2" PEX x 3/4" Copper Fitting Adapter	100	\$9.00	10				R	
	Q4376375	ProPEX Baseboard Elbow, 3/4" PEX x 3/4" Copper Fitting Adapter	100	\$9.65	10				R	
	Q4377575	ProPEX Baseboard Elbow, 3/4" PEX x 3/4" Copper Fitting Adapter	100	\$10.25	10				R	
	Q4385075	ProPEX Baseboard Elbow, 1/2" PEX x 3/4" Copper Adapter	100	\$9.00	10				R	
	Q4386375	ProPEX Baseboard Elbow, 3/4" PEX x 3/4" Copper Adapter	100	\$9.65	10				R	
	Q4387575	ProPEX Baseboard Elbow, 3/4" PEX x 3/4" Copper Adapter	100	\$10.25	10				R	
	Q4395075	ProPEX Baseboard Tee, 1/2" PEX x 3/4" Copper Adapter with 1/8" vent tapping	100	\$9.00	10				R	
	Q4396375	ProPEX Baseboard Tee, 3/4" PEX x 3/4" Copper Adapter with 1/8" vent tapping	100	\$9.65	10				R	
	Q4397575	ProPEX Baseboard Tee, 3/4" PEX x 3/4" Copper Adapter with 1/8" vent tapping	100	\$10.25	10				R	
	Q4440250	3/8" I.D. Delrin Ring, replacement part	33	\$0.10	50		P			
	Q4506350	ProPEX Brass Fitting Adapter, 3/8" PEX x 1/2" Copper	98	\$5.40	10				R	
	Q4506375	ProPEX Brass Fitting Adapter, 3/8" PEX x 3/4" Copper	98	\$5.15	10				R	
Disc.	Q4511313	ProPEX Brass Sweat Adapter, 1 1/4" PEX x 1 1/4" Copper	29, 97	\$21.55	10	LF4511313, V4511313	P			E
	Q4516350	ProPEX Brass Sweat Adapter, 3/8" PEX x 1/2" Copper	97	\$7.65	10				R	
	Q4516375	ProPEX Brass Sweat Adapter, 3/8" PEX x 3/4" Copper	97	\$6.00	10				R	
	Q4526375	ProPEX Brass Male Threaded Adapter, 3/8" PEX x 3/4" NPT	95	\$8.55	10				R	
	Q4536363	ProPEX Brass Plug for 3/8" PEX	94	\$10.00	10				R	
Disc.	Q4541010	ProPEX Brass Coupling, 1" PEX x 1" PEX	21, 89	\$2.40	10	Q4771010, LF4541010	P	F	R	E
Disc.	Q4542015	ProPEX Brass Coupling, 2" PEX x 1 1/2" PEX	21, 89	\$45.00	5	Q4772015	P		R	E
	Q4546363	ProPEX Brass Coupling, 3/8" PEX x 3/8" PEX	89	\$5.95	10	Q4776363			R	
Disc.	Q4571313	ProPEX Brass Female Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	28, 96	\$35.95	10	LF4571313	P		R	E
	Q4576375	ProPEX Brass Female Threaded Adapter, 3/8" PEX x 3/4" NPT	96	\$8.45	10				R	
Disc.	Q4680625	ProPEX Ring, 3/8"	88	\$0.40	50				R	
New	Q4690625	ProPEX Ring with Stop, 3/8"	88	\$0.40	50				R	
	Q4690302	ProPEX Ring, 3/8"	17, 88	\$0.21	50		P		R	
	Q4690512	ProPEX Ring with Stop, 1/2"	17, 44, 88	\$0.21	50		P	F	R	
	Q4690756	ProPEX Ring with Stop, 3/4"	17, 44, 88	\$0.42	50		P	F	R	
	Q4691000	ProPEX Ring with Stop, 1"	17, 44, 88	\$0.83	50		P	F	R	E
	Q4691250	ProPEX Ring with Stop, 1 1/4"	17, 44, 88	\$1.21	10		P		R	E
	Q4691500	ProPEX Ring with Stop, 1 1/2"	17, 44, 88	\$1.60	5		P		R	E
	Q4692000	ProPEX Ring with Stop, 2"	17, 44, 88	\$3.25	10		P		R	E
	Q4710625	ProPEX Brass Elbow, 3/8" PEX x 3/8" PEX	90	\$9.60	25					
	Q4743850	ProPEX Brass Elbow, 1/2" PEX x 3/8" MIP	22, 91	\$12.45	25		P		R	
	Q4751010	ProPEX EP Tee, 1" PEX x 1" PEX x 1" PEX	23, 52, 91	\$5.45	10	LF4701010	P		R	E
	Q4751150	ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	24, 50, 92	\$5.00	10	LF4701150	P		R	
	Q4751175	ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	24, 50, 92	\$5.50	10	LF4701175	P		R	
	Q4751311	ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 1" PEX	24, 50, 92	\$12.50	1		P		R	E
	Q4751313	ProPEX EP Tee, 1 1/4" PEX x 1 1/4" PEX x 1 1/4" PEX	23, 52, 91	\$13.55	1		P		R	E
	Q4751317	ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 3/4" PEX	24, 50, 92	\$10.70	1		P		R	

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New or Discount	Part Number	Description	Page Number	2013 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category			
							Plumbing	Fire	Radiant	Ecoflex
	Q4751331	ProPEX EP Reducing Tee, 1/4" PEX x 1/4" PEX x 1" PEX	24, 50, 92	\$12.95	1		P		R	E
	Q4751337	ProPEX EP Reducing Tee, 1/4" PEX x 1/4" PEX x 3/4" PEX	24, 50, 92	\$12.55	1		P		R	E
	Q4751511	ProPEX EP Reducing Tee, 1/2" PEX x 1" PEX x 1" PEX	25, 51, 93	\$15.05	1		P		R	E
	Q4751515	ProPEX EP Tee, 1/2" PEX x 1/2" PEX x 1/2" PEX	23, 52, 91	\$18.10	1		P		R	E
	Q4751517	ProPEX EP Reducing Tee, 1/2" PEX x 1" PEX x 3/4" PEX	25, 51, 93	\$15.05	1		P		R	E
	Q4751531	ProPEX EP Reducing Tee, 1/2" PEX x 1/4" PEX x 1" PEX	25, 51, 93	\$17.75	1		P		R	E
	Q4751533	ProPEX EP Reducing Tee, 1/2" PEX x 1/4" PEX x 1/4" PEX	25, 51, 93	\$18.85	1		P		R	E
	Q4751537	ProPEX EP Reducing Tee, 1/2" PEX x 1/4" PEX x 3/4" PEX	25, 51, 93	\$17.15	1		P		R	E
	Q4751551	ProPEX EP Reducing Tee, 1/2" PEX x 1/2" PEX x 1" PEX	25, 51, 93	\$16.60	1		P		R	E
	Q4751553	ProPEX EP Reducing Tee, 1/2" PEX x 1/2" PEX x 1/4" PEX	25, 51, 93	\$17.05	1		P		R	E
	Q4751557	ProPEX EP Reducing Tee, 1/2" PEX x 1/2" PEX x 3/4" PEX	25, 51, 93	\$16.10	1		P		R	E
	Q4751751	ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	24, 51, 92	\$5.70	10	LF4701751	P		R	E
	Q4751775	ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	24, 51, 92	\$4.75	10	LF4701775	P		R	E
	Q4752000	ProPEX EP Tee, 2" PEX x 2" PEX x 2" PEX	23, 52, 91	\$99.55	1		P		R	E
	Q4752051	ProPEX EP Reducing Tee, 2" PEX x 1 1/2" PEX x 1" PEX	25, 51, 93	\$76.45	1		P		R	E
	Q4752053	ProPEX EP Reducing Tee, 2" PEX x 1 1/2" PEX x 1 1/2" PEX	25, 51, 93	\$87.90	1		P		R	E
	Q4752055	ProPEX EP Reducing Tee, 2" PEX x 1 1/2" PEX x 1 1/2" PEX	25, 51, 93	\$95.45	1		P		R	E
	Q4752210	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1" PEX	25, 51, 93	\$82.05	1		P		R	E
	Q4752213	ProPEX EP Reducing Tee, 2" x 2" x 1 1/4"	25, 51, 93	\$86.20	1		P		R	E
	Q4752215	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1 1/2" PEX	25, 51, 93	\$96.55	1		P		R	E
	Q4752275	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 3/4" PEX	25, 51, 93	\$83.65	1		P		R	E
	Q4752575	ProPEX EP Reducing Tee, 2" PEX x 1 1/2" PEX x 1/2" PEX	25, 51, 93	\$87.90	1		P		R	E
	Q4755050	ProPEX EP Tee, 1/2" PEX x 1/2" PEX x 1/2" PEX	23, 52, 91	\$1.85	25	LF4705050	P		R	E
	Q4755575	ProPEX EP Reducing Tee, 1/2" PEX x 1/2" PEX x 3/4" PEX	24, 50, 92	\$7.25	25		P		R	E
	Q4757550	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX	24, 50, 92	\$2.45	25	LF4707550	P		R	E
	Q4757555	ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 1/2" PEX	24, 50, 92	\$2.90	25	LF4707555	P		R	E
	Q4757557	ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 3/4" PEX	24, 50, 92	\$2.90	25		P		R	E
	Q4757563	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX	92	\$5.45	10		P		R	E
	Q4757575	ProPEX EP Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX	23, 52, 91	\$3.00	25	LF4707575	P		R	E
	Q4757710	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	24, 50, 92	\$10.75	10	LF4707710	P		R	E
	Q4760500	ProPEX EP Elbow, 1/2" PEX x 1/2" PEX	22, 52, 90	\$1.85	25		P		R	E
	Q4760750	ProPEX EP Elbow, 3/4" PEX x 3/4" PEX	22, 52, 90	\$2.35	25	LF4710750	P		R	E
	Q4761000	ProPEX EP Elbow, 1" PEX x 1" PEX	22, 52, 90	\$4.80	10	LF4711000	P		R	E
	Q4761250	ProPEX EP Elbow, 1 1/4" PEX x 1 1/4" PEX	22, 52, 90	\$11.90	1		P		R	E
	Q4761500	ProPEX EP Elbow, 1 1/2" PEX x 1 1/2" PEX	22, 52, 90	\$15.15	1		P		R	E
	Q4762000	ProPEX EP Elbow, 2" PEX x 2" PEX	22, 52, 90	\$80.80	1	Q4712000	P		R	E
	Q4771010	ProPEX EP Coupling, 1" PEX x 1" PEX	21, 49, 89	\$3.00	10	LF4541010, Q4541010	P		R	E
	Q4771307	ProPEX EP Coupling, 1 1/2" PEX x 3/4" PEX	21, 49, 89	\$6.65	1		P		R	E
	Q4771310	ProPEX EP Coupling, 1 1/2" PEX x 1" PEX	21, 49, 89	\$6.90	1		P		R	E
	Q4771313	ProPEX EP Coupling, 1 1/2" PEX x 1 1/4" PEX	21, 49, 89	\$7.85	1		P		R	E

# Alphanumeric Listing 2013

New or Discont.	Part Number	Description	Page Number	2013 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category			
							Plumbing	Fire	Radiant	Ecoflex
	Q4771507	ProPEX EP Coupling, 1/2" PEX x 3/4" PEX	21, 49, 89	\$7.95	1		P		R	
	Q4771510	ProPEX EP Coupling, 1/2" PEX x 1" PEX	21, 49, 89	\$8.15	1		P		R	E
	Q4771513	ProPEX EP Coupling, 1/2" PEX x 1 1/4" PEX	21, 49, 89	\$8.25	1		P		R	E
	Q4771515	ProPEX EP Coupling, 1/2" PEX x 1 1/2" PEX	21, 49, 89	\$8.40	1		P		R	E
	Q4772015	ProPEX EP Coupling, 2" PEX x 1 1/2" PEX	21, 49, 89	\$44.75	1	Q4542015	P		R	E
	Q4772020	ProPEX EP Coupling, 2" PEX x 2" PEX	21, 49, 89	\$57.35	1	Q4542020	P		R	E
	Q4773838	ProPEX EP Coupling, 3/8" PEX x 3/8" PEX	21, 89	\$1.45	25		P		R	
	Q4775050	ProPEX EP Coupling, 1/2" PEX x 1/2" PEX	21, 49, 89	\$1.50	25	LF4545050	P		R	
	Q4775075	ProPEX EP Coupling, 1/2" PEX x 3/4" PEX	21, 49, 89	\$3.20	25		P		R	
	Q4776363	ProPEX EP Coupling, 5/8" PEX x 5/8" PEX	89	\$3.65	10	Q4546363			R	
	Q4777510	ProPEX EP Coupling, 3/4" PEX x 1" PEX	21, 49, 89	\$4.55	25	LF4547510	P		R	
	Q4777575	ProPEX EP Coupling, 3/4" PEX x 3/4" PEX	21, 49, 89	\$1.90	25	LF4547575	P		R	
	Q4837575	ProPEX EP In-line Valve, 3/4" PEX x 3/4" PEX	32	\$16.75	10	LF4817575, LF4827575	P			
	Q4905038	ProPEX EP Angle Stop Valve for 1/2" PEX	31	\$9.70	10	LF4855038	P			
	Q4905050	ProPEX EP In-line Valve, 1/2" PEX x 1/2" PEX	32	\$12.05	10	LF4815050	P			
	Q4935038	ProPEX EP Straight Stop Valve for 1/2" PEX	31	\$9.25	10	LF4865038	P			
	Q5590028	Graphite Grease for ProPEX Tools, spare part	122	\$43.45	1		P	F	R	
	Q5806375	ProPEX Ball Valve, 3/8" PEX x 1/2" Copper Adapter	75	\$31.65	10				R	
	Q5807575	ProPEX Ball Valve, 1/2" PEX x 3/4" Copper Adapter	75	\$33.75	10				R	
	Q5906375	ProPEX Ball and Balancing Valve, 3/8" PEX x 3/4" Copper Adapter	75	\$60.35	10				R	
	Q5907575	ProPEX Ball and Balancing Valve, 1/2" PEX x 3/4" Copper Adapter	75	\$63.00	10				R	
	Q6272000	ProPEX 201 Corded Expander Tool Kit	121	\$5,876.75	1		P		R	E
	Q6272002	ProPEX 201 Case, replacement part	121	\$533.75	1		P		R	E
	Q6275075	ProPEX Hand Expander Tool only (with case)	122	\$319.80	1		P	F	R	
	Q6282000	2" H-series ProPEX Expander Head	121	\$542.80	1		P	F	R	E
	Q6295075	ProPEX Hand Expander Tool Kit	122	\$743.65	1		P	F	R	
	Q6310375	3/8" ProPEX Expander Head	122	\$144.55	1					
	Q6310500	1/2" ProPEX Expander Head	122	\$131.45	1					
	Q6310750	3/4" ProPEX Expander Head	122	\$131.45	1					
	Q6311000	1" ProPEX Expander Head	122	\$131.45	1					
Disc.	Q6323810	ProPEX Auto Rotation Adapter	122	\$328.00	1		P	F	R	
	Q6700101	D'MAND Activation Button	39	\$14.25	1		P			
	Q6700102	D'MAND Motion Sensor, hard-wired	39	\$185.35	1		P			
New	Q70640HW	Concealed Flat Cover Plate for HSW, White, (HSW style only)	47	\$42.00	5			F		
	Q70643WH	Concealed Flat Cover Plate, White	47	\$26.00	5			F		
	Q7160050	Recessed Protective Cap, spare part	48	\$2.75	25			F		
	Q71801WH	1/2" Recessed Escutcheon, White	48	\$8.25	25			F		
New	Q71850LW	Two-piece Recessed Escutcheon for LF Recessed Pendant and LF Recessed HSW, White	48	\$9.00	5			F		
	Q73000WH	F1/Res 30 (155° F) Recessed Pendant Sprinkler, White	45	\$33.00	5			F		
	Q73001WH	F1/Res 30 (175° F) Recessed Pendant Sprinkler, White	45	\$33.00	5			F		
	Q7400500	Plastic Tubing Clip, 1/2", 100/pkg.	128	\$50.35	1		P	F	R	

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# Alphanumeric Listing 2013

New or Discnt.	Part Number	Description	Page Number	2013 List Price (ea)	Pkg. Qty.	Alternative Part Number	Product Application Category	Fire	Radiant	Ecoflex
	Q74300BR	RFC43 (165°F) Flat Concealed Sprinkler	45	\$50.00	5			F		
Disc.	Q74355CP	RFC43 (165°F) Flat Concealed Sprinkler Assembly	46	\$102.30	5			F		
	Q74400WH	F1/Res 44 (155°F) Recessed Horizontal Sidewall Sprinkler, White	45	\$33.00	5			F		
	Q74401WH	F1/Res 44 (175°F) Recessed Horizontal Sidewall Sprinkler, White	45	\$33.00	5			F		
Disc.	Q74455WH	F1/Res 44 (155°F) Recessed Horizontal Sidewall Sprinkler Assembly, White	46	\$93.50	5			F		
	Q74900FC	RFC49 (165°F) Flat Concealed Sprinkler	45	\$50.00	5			F		
	Q74900WH	F1/Res 49 (155°F) Recessed Pendant Sprinkler, White	45	\$33.00	5			F		
	Q74901WH	F1/Res 49 (175°F) Recessed Pendant Sprinkler, White	45	\$33.00	5			F		
Disc.	Q74955BR	F1/Res 49 (155°F) Recessed Pendant Sprinkler Assembly, Bronze	46	\$102.30	5			F		
Disc.	Q74955WH	F1/Res 49 (155°F) Recessed Pendant Sprinkler Assembly, White	46	\$93.50	5			F		
Disc.	Q74975WH	F1/Res 49 (175°F) Recessed Pendant Sprinkler Assembly, White	46	\$95.70	5			F		
Disc.	Q7500030	Test Orifice for F1/Res 30 Sprinkler, 3.0 K-factor, white	54	\$27.50	5			F		
Disc.	Q7500043	Test Orifice for RFC 43 Sprinkler, 4.3 K-factor, red	54	\$27.50	5			F		
Disc.	Q7500044	Test Orifice for F1/Res 44 Sprinkler, 4.4 K-factor, blue	54	\$27.50	5			F		
Disc.	Q7500049	Test Orifice for F1/Res 49 or RFC 49 Sprinkler, 4.9 K-factor, black	54	\$27.50	5			F		
	Q7500200	Recessed Sprinkler Wrench	48	\$176.00	1			F		
	Q7500300	Concealed Sprinkler Wrench for RFC43 or RFC49, Flat Cover Plate	48	\$176.00	1			F		
	Q7500400	Sprinkler Wrench, LF Recessed Pendant	48	\$240.00	1			F		
	Q7500410	Sprinkler Wrench, LF Recessed Horizontal Sidewall	48	\$270.00	1			F		
	Q7500430	Sprinkler Wrench, LF Flat Concealed Horizontal Sidewall	48	\$176.00	1			F		
	Q7503000	Sprinkler Cabinet without Sprinklers	47	\$80.30	1			F		
	Q7511050	ProPEX Fire Sprinkler Adapter, 1" PEX x 1/2" FNPT	44	\$60.50	5			F		
	Q7517550	ProPEX Fire Sprinkler Adapter, 3/4" PEX x 1/2" FNPT	44	\$59.40	5			F		
	Q7531050	ProPEX Fire Sprinkler Adapter Right Elbow, 1" PEX x 1/2" FNPT	44	\$64.90	5			F		
	Q7537550	ProPEX Fire Sprinkler Adapter Right Elbow, 3/4" PEX x 1/2" FNPT	44	\$60.50	5			F		
	Q7541050	ProPEX Fire Sprinkler Adapter Left Elbow, 1" PEX x 1/2" FNPT	44	\$64.90	5			F		
	Q7547550	ProPEX Fire Sprinkler Adapter Left Elbow, 3/4" PEX x 1/2" FNPT	44	\$60.50	5			F		
Disc.	Q7602000	In-line Flow Test Kit	54	\$550.00	1			F		
Disc.	Q7602001	In-line Flow Meter, replacement part	54	\$385.00	1			F		
	Q8521010	ProPEX Stainless Steel Male Threaded Adapter, 1" PEX x 1" NPT	28	\$61.05	10	LF4521010	P			E
	Q8525050	ProPEX Stainless Steel Male Threaded Adapter, 1/2" PEX x 1/2" NPT	28	\$27.10	25	LF4525050	P			
	Q8527575	ProPEX Stainless Steel Male Threaded Adapter, 3/4" PEX x 3/4" NPT	28	\$40.75	25	LF4527575	P			
Disc.	V4505050	ProPEX Red Brass Fitting Adapter, 1/2" PEX x 1/2" Copper	30, 98	\$8.95	25	LF4505050	P		R	E
Disc.	V4507575	ProPEX Red Brass Fitting Adapter, 3/4" PEX x 3/4" Copper	30, 98	\$17.70	25	LF4507575	P		R	E
Disc.	V4511010	ProPEX Red Brass Sweat Adapter, 1" PEX x 1" Copper	29, 97	\$26.80	10	LF4511010	P		R	E
Disc.	V4511313	ProPEX Red Brass Sweat Adapter, 1 1/4" PEX x 1 1/4" Copper	29, 97	\$54.85	10	LF4511313, Q4511313	P		R	E
Disc.	V4511515	ProPEX Red Brass Sweat Adapter, 1 1/2" PEX x 1 1/2" Copper	29, 97	\$60.35	10	LF4511515	P		R	E
Disc.	V4515050	ProPEX Red Brass Sweat Adapter, 1/2" PEX x 1/2" Copper	29, 97	\$9.50	25	LF4515050	P		R	E
Disc.	V4517575	ProPEX Red Brass Sweat Adapter, 3/4" PEX x 3/4" Copper	29, 97	\$19.60	25	LF4517575	P		R	E
Disc.	V4525050	ProPEX Red Brass Male Threaded Adapter, 1/2" PEX x 1/2" NPT	27, 95	\$9.50	25	LF4525050	P		R	E
Disc.	V4527575	ProPEX Red Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	27, 95	\$29.30	25	LF4527575	P		R	E
Disc.	V4543850	ProPEX Red Brass Coupling, 3/8" PEX x 1/2" PEX	21, 89	\$5.20	25	LF4543850	P			

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