

uponor

Product Catalog



February 2017

PEX plumbing

Fire safety

Hydronic piping

Radiant heating and cooling

Pre-insulated piping

See inside for our newly
reduced prices on PEX-a
pipe supports, brass valves
and accessories!

Table of contents

Uponor begins with you	3	Non-barrier tubing.....	65
Optimized for mobile.....	5	PEX-a pipe supports.....	66
Uponor Design Services and Technical Support.....	6	Manifold wall cabinets.....	67
Milwaukee® tools.....	7	TruFLOW™ Classic and Jr. manifolds exploded view.....	68
Pro Advantage Rewards Program.....	8	TruFLOW manifold assemblies.....	69
Uponor Logic plumbing system.....	9	TruFLOW Jr. modular manifolds.....	70
		TruFLOW manifold accessories.....	71
PEX plumbing systems	11	EP heating manifolds exploded view.....	74
Put Uponor PEX in your specs.....	12	EP heating manifolds.....	75
Uponor PEX-a Pipe Support.....	13	EP heating manifold accessories.....	76
Uponor AquaPEX® tubing.....	14	Stainless-steel manifolds exploded view.....	80
PEX-a pipe supports.....	19	Stainless-steel manifolds.....	81
EP multi-port tees and elbows.....	19	Stainless-steel manifold accessories.....	82
ProPEX® fittings.....	23	Supply and return manifold adapters and fittings.....	83
ProPEX adapters.....	29	Manifold loop fitting assemblies.....	85
Valves and accessories.....	34	Copper manifolds.....	87
Water service.....	37	HDPE manifolds.....	88
Ells and boxes.....	38	Hydronic valves and accessories.....	89
EP valved manifolds and accessories.....	40	Climate Control Zoning System II (wireless).....	90
Copper branch manifolds.....	41	Zoning controls (wired).....	91
D'MAND® Hot Water Delivery System.....	43	Snow melt controls.....	95
Tools and accessories.....	44	Actuator-to-manifold compatibility table.....	96
		Radiant Ready 30E™.....	97
Residential fire sprinkler systems	45	ProPEX fittings.....	98
Uponor AquaSAFE™ fire sprinkler system.....	46	ProPEX adapters.....	106
Uponor AquaPEX tubing.....	47	Tubing transition fittings.....	112
Looped sprinkler adapters.....	48	Baseboard fittings.....	113
Residential fire sprinklers.....	49	MLC press fittings.....	114
Sprinkler cabinets.....	50	Heat-transfer panels and plates.....	118
Sprinkler accessories.....	50	Tools and accessories.....	120
ProPEX fittings.....	52		
Tools and accessories.....	57	Pre-insulated piping systems	121
		Ecoflex® custom manufactured products.....	122
Radiant and hydronic piping systems	59	Ecoflex uncoilers.....	122
Hydronic piping with Uponor PEX.....	61	Ecoflex thermal.....	123
Uponor pipe sizing calculator.....	61	Ecoflex potable.....	125
Barrier tubing.....	62	Pre-insulated PEX pipes.....	128

Table of contents

Fittings	129
Rubber end caps	130
Accessories	131
Insulation kits	132
Wall-penetration accessories	133
Accessory applications chart	134
Weights and dimensions chart	135
Tools and accessories	136
<u>Tube handling</u>	137
Tube uncoilers	137
Tube cutters	137
<u>ProPEX tools and accessories</u>	139
ProPEX tools and accessories	139
MLC press fitting tools and accessories	141
Other tools	142
<u>Tubing supports</u>	143
<u>Fasteners and fastener tools</u>	145
<u>Alphanumeric listing</u>	149

A better way to make ends meet.



Professionals who specify and install Uponor PEX plumbing and hydronic piping – now up to 3" – report savings on materials costs, fewer callbacks and greater peace of mind. Exceptional products, tools and support. Uponor. Tested in the lab and proven in the field.

Connect with Uponor.
Connect with confidence.

See our case studies at
uponorengineering.com

uponor

PEX PLUMBING
RADIANT HEATING & COOLING
HYDRONIC PIPING
PRE-INSULATED PIPING



Expand your commercial business with large-dimension Uponor PEX piping and ProPEX™ fittings.



The Milwaukee® M18™ FORCELOGIC™ ProPEX Expansion Tool generates the power you need to create strong, large-dimension connections fast.



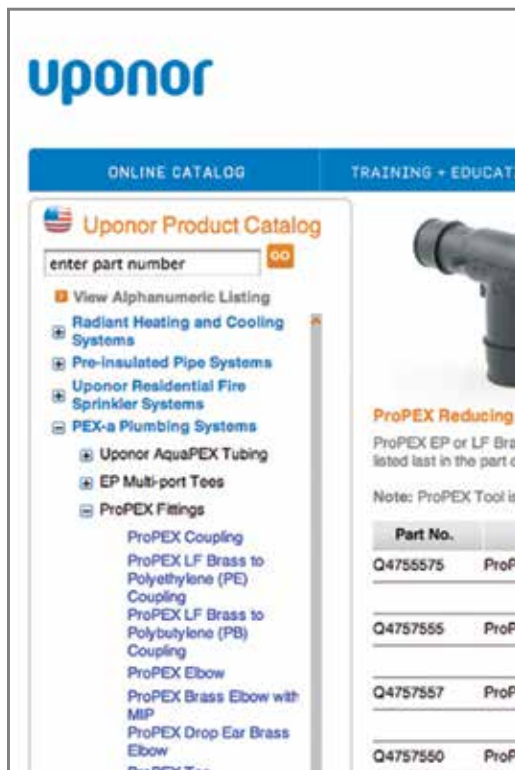
EXPAND YOUR BUSINESS
uponorpro.com/commercialpiping



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



Optimized for mobile



Uponor's website for professionals, uponorpro.com, is now optimized for mobile so you can view our online catalog, case studies and contact information.

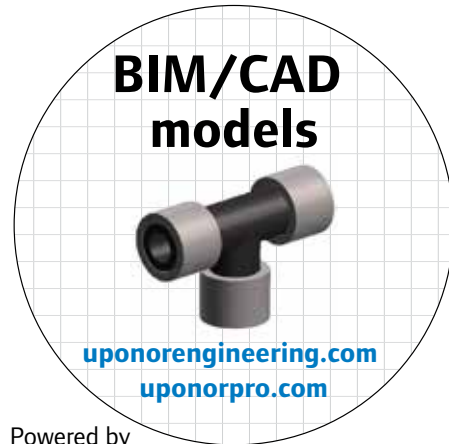
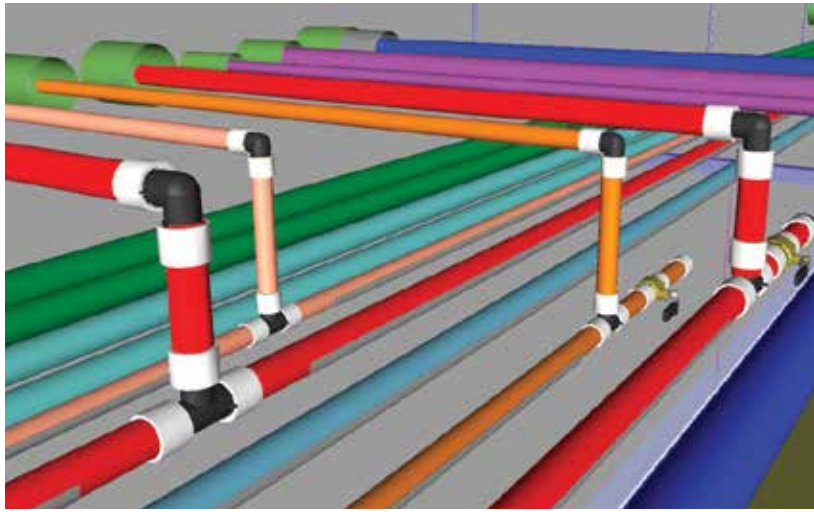
Speaking of our online catalog, if you haven't accessed it yet, give it a try today. It's the fastest, easiest way to search Uponor products and supporting documentation.

Simply go to uponorpro.com 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.



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online catalog.

Uponor Design Services and Technical Support



Powered by
THOMAS  Enterprise Solutions™

Uponor Design Services

The PEX design experts

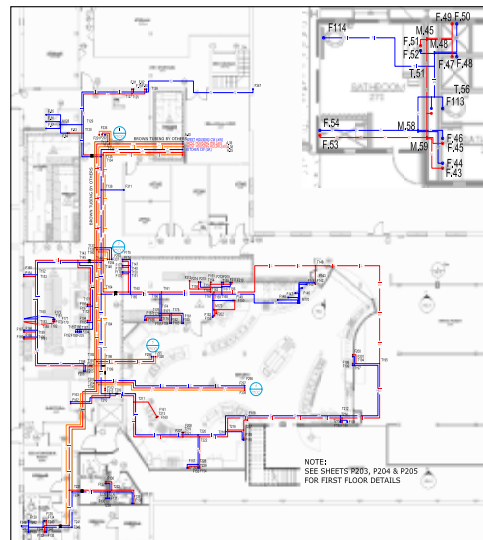
Providing the mechanical, electrical and plumbing (MEP) industry with PEX design support since 1994, Uponor Design Services is a dedicated team of experienced design professionals and project managers trained in PEX applications for domestic water plumbing, radiant heating/cooling, hydronic piping and fire sprinkler systems for residential and commercial structures.

Uponor design advantage

- Broad suite of services from concept to construction
- Experienced staff of design professionals; industry-affiliated and certified (ASHRAE, ASPE, RPA, NICET, NFPA, AFSA, NFSA)
- Personalized project consultants for tailored support based on project phase
- Specializing in PEX take-off and design
- Optimized pipe sizing using unique properties of Uponor PEX systems
- Efficient piping layouts using Uponor Logic design concepts
- Engineering calculation package for easy approval
- Estimates with labor data

BIM/CAD models

- BIM/CAD content managed and hosted by Uponor
- On-demand BIM/CAD model generation via Navigator on uponorpro.com and uponorengineering.com
- Providing the best digital experience for discovering and selecting BIM/CAD content



Contact us today

888.994.7726

For design assistance:
design.services@uponor.com

For technical support:
technical.services@uponor.com

Designed specifically for Uponor PEX



Bring even greater installation efficiency to your next project.

Milwaukee® tools



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" pipe



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" pipe



Milwaukee M18 FORCELOGIC™ ProPEX Expansion Tool

- Continuous expansions for maximum install speed
- Magnesium construction for jobsite durability
- Auto-rotating head for convenient operation
- Expands 2" to 3" pipe

Purchase Milwaukee ProPEX expansion tools for use with Uponor systems by contacting Milwaukee at 800.729.3878 or visiting milwaukeetool.com/propex.



Take advantage of your rewards!

Using Uponor products has
never been so rewarding.

The Pro Advantage Rewards Program recognizes Uponor radiant, HVAC, plumbing and fire sprinkler contractors for their loyalty to our industry-leading products.

Visit [uponorpro.com/rewards](https://www.uponorpro.com/rewards) today to enroll in this exclusive program and get rewarded for all your Uponor purchases.



Uponor

Pro Rewards

[uponorpro.com/rewards](https://www.uponorpro.com/rewards)

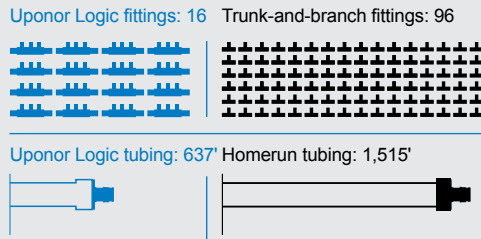
Uponor Logic plumbing system

The power of Uponor Logic PEX plumbing systems

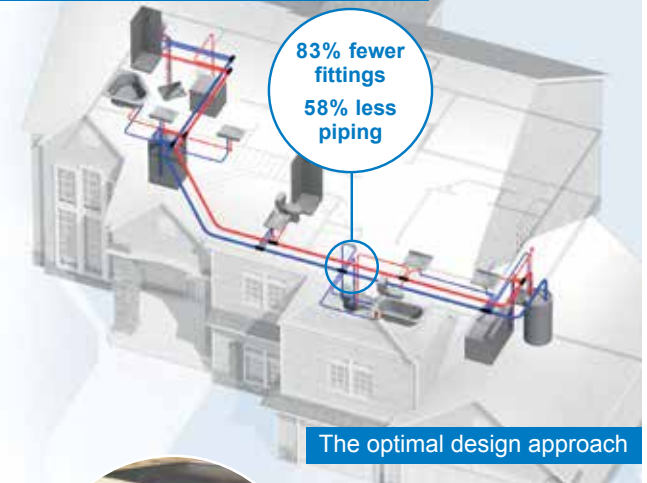
Uponor Logic features and benefits

- 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 multiport tees for ultimate design flexibility

Fitting and piping usage comparison



Uponor Logic PEX plumbing



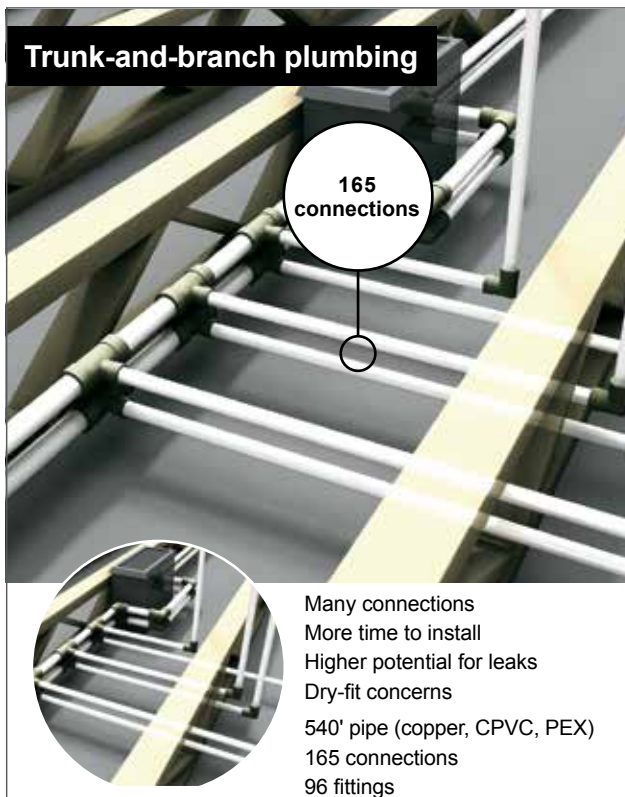
The optimal design approach



Minimal connections
Minimal use of tubing
Quick delivery of hot water

637' Uponor AquaPEX® piping
59 ProPEX connections
16 fittings

Trunk-and-branch plumbing

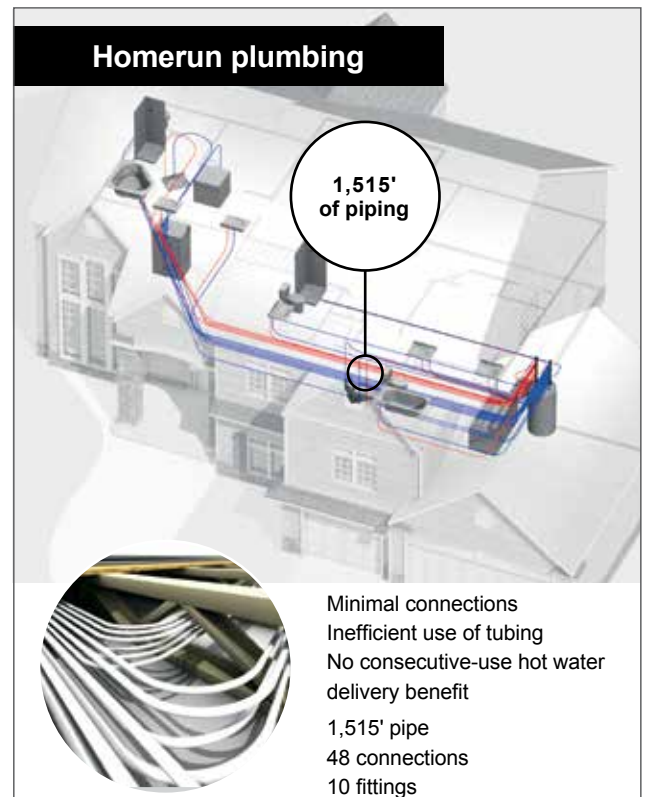


165 connections



Many connections
More time to install
Higher potential for leaks
Dry-fit concerns
540' pipe (copper, CPVC, PEX)
165 connections
96 fittings

Homerun plumbing



1,515' of piping



Minimal connections
Inefficient use of tubing
No consecutive-use hot water delivery benefit
1,515' pipe
48 connections
10 fittings

Uponor product catalog

Uponor product catalog



The Cavalier Hotel

Virginia Beach, VA

Project highlights:

- Originally built in 1927 and renovated in 2016
- 117,448-square-foot hotel
- Uponor AquaPEX plumbing system
- Mechanical contractor: JRC Mechanical
- Scheduled completion in spring 2017

Project data:

- Uponor AquaPEX up to 3"
- Uponor PEX-a Pipe Support
- Uponor engineered polymer (EP) multiport tees
- ProPEX fittings

To learn more about this case study, visit uponorpro.com/casestudies.

PEX plumbing systems

PEX plumbing systems

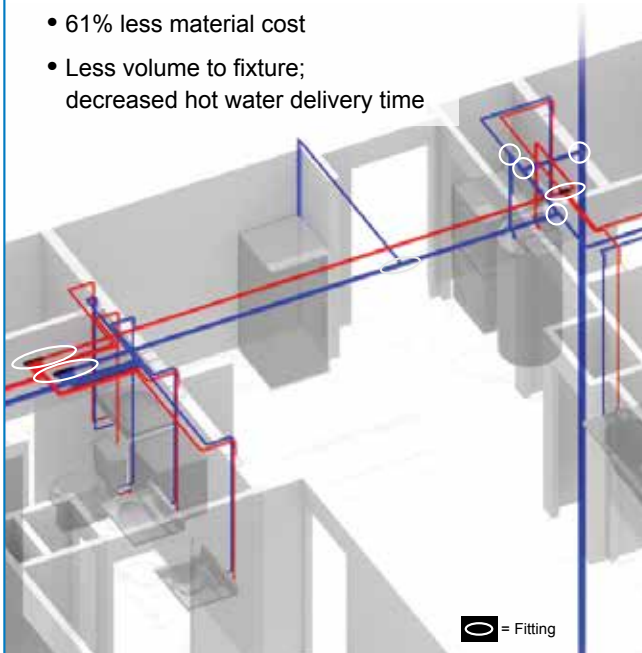
Put Uponor PEX in your specs!



With over 40 years of proven performance and more than 17 billion feet of Uponor PEX pipe installed worldwide, Uponor is the specified choice for commercial domestic-water applications.

Multi-family unit layout

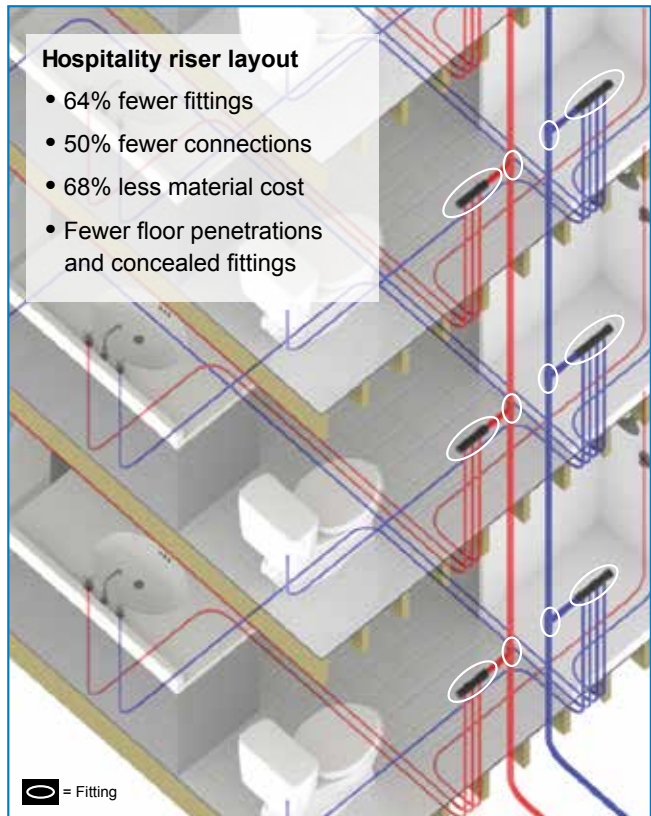
- 82% fewer fittings
- 76% fewer connections
- 61% less material cost
- Less volume to fixture; decreased hot water delivery time



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 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 (LF) brass
- EP multiports: fewer fittings and connections; saves time and costs, reduces potential leak points liability

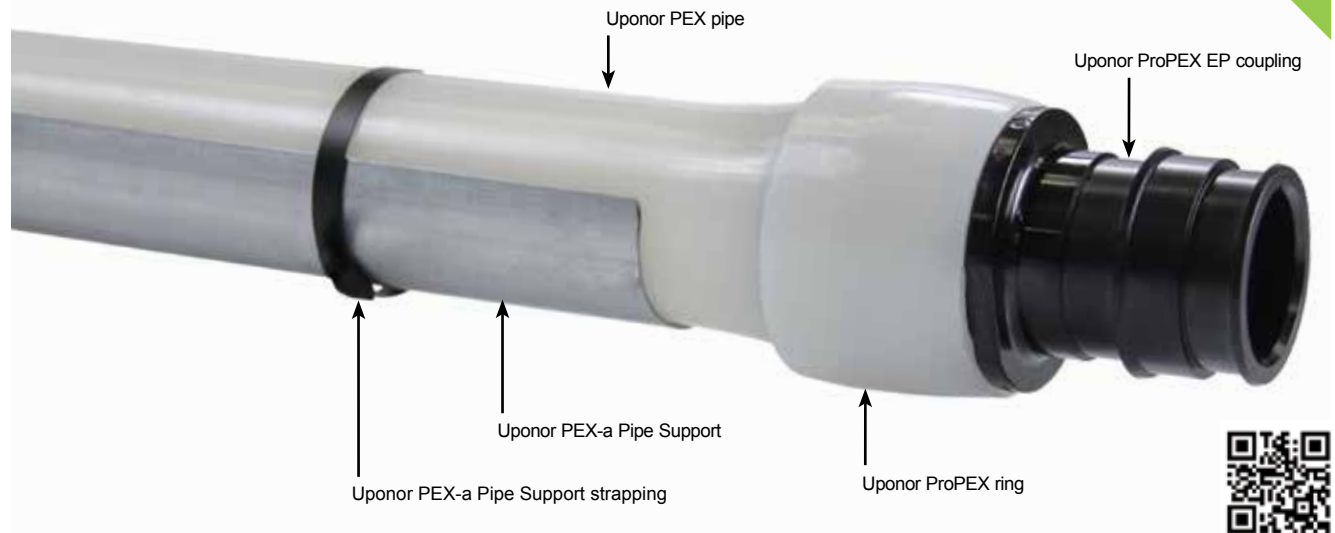
Uponor commercial plumbing systems advantage

- 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
- Design services — single destination for designing and implementing a cost-effective and efficient system

Uponor PEX-a Pipe Support

Suspended piping application

- Enables greater hanger spacing compared to bare PEX
- Listed for plenum applications (ASTM E84)
- Easily insulate around both pipe and PEX-a Pipe Support
- Available for 1/2" to 3 1/2" pipe sizes



New
reduced
price!
See pgs. 19, 66 & 143.

For more information, visit
uponorengineering.com.



Uponor PEX-a Pipe Support installation at Avalon Bay in Lynwood, Wash.

PEX 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 white tubing (½", ¾", 1" and 1¼" only) 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 F876-15a, 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 blue tubing is marked with the PEX 5206 designation as required by the most recent edition of ASTM F876-15a, 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 white coils



Part no.	Part description	Coils/pallet	List price/ea.
F1040250	¼" Uponor AquaPEX White, 100-ft. coil	50	\$63.55
F1090375	⅜" Uponor AquaPEX White, 400-ft. coil	18	\$259.70
F1120375	⅝" Uponor AquaPEX White, 1,000-ft. coil	12	\$649.20
F1040500	½" Uponor AquaPEX White, 100-ft. coil	22	\$73.50
F1060500	½" Uponor AquaPEX White, 300-ft. coil	18	\$220.40
F1100500	½" Uponor AquaPEX White, 500-ft. coil	12	\$367.45
F1120500	½" Uponor AquaPEX White, 1,000-ft. coil	8	\$734.80
F1040750	¾" Uponor AquaPEX White, 100-ft. coil	22	\$126.00
F1060750	¾" Uponor AquaPEX White, 300-ft. coil	9	\$377.85
F1100750	¾" Uponor AquaPEX White, 500-ft. coil	8	\$629.80
F1041000	1" Uponor AquaPEX White, 100-ft. coil	12	\$226.95
F1061000	1" Uponor AquaPEX White, 300-ft. coil	5	\$681.00
F1101000	1" Uponor AquaPEX White, 500-ft. coil	6	\$1,135.05
F1061250	1¼" Uponor AquaPEX White, 100-ft. coil	7	\$478.60
F1021250	1¼" Uponor AquaPEX White, 300-ft. coil	2	\$1,435.55
F1061500	1½" Uponor AquaPEX White, 100-ft. coil	7	\$563.55
F1021500	1½" Uponor AquaPEX White, 300-ft. coil	2	\$1,690.60
F1062000	2" Uponor AquaPEX White, 100-ft. coil	5	\$1,125.30
F1052000	2" Uponor AquaPEX White, 200-ft. coil	3	\$2,250.60
F1022000	2" Uponor AquaPEX White, 300-ft. coil	2	\$3,375.95
F1062500	2½" Uponor AquaPEX White, 100-ft. coil	1	\$1,472.15
F1022500	2½" Uponor AquaPEX White, 300-ft. coil	1	\$4,416.50
F1063000	3" Uponor AquaPEX White, 100-ft. coil	1	\$1,998.75
F1023000	3" Uponor AquaPEX White, 300-ft. coil	1	\$5,996.35

PEX plumbing systems

Part no.	Part description	Bags/bulk bag	List price/ea.
F1930500	½" Uponor AquaPEX White, 20-ft. straight length, 500 ft. (25 per bundle)	25	\$367.35
F1930750	¾" Uponor AquaPEX White, 20-ft. straight length, 300 ft. (15 per bundle)	20	\$377.85
F1921000	1" Uponor AquaPEX White, 20-ft. straight length, 200 ft. (10 per bundle)	15	\$454.05
F1921250	1¼" Uponor AquaPEX White, 20-ft. straight length, 100 ft. (5 per bundle)	20	\$478.60
F1921500	1½" Uponor AquaPEX White, 20-ft. straight length, 100 ft. (5 per bundle)	20	\$563.55
F1922000	2" Uponor AquaPEX White, 20-ft. straight length, 100 ft. (5 per bundle)	10	\$1,125.30
F1912500	2½" Uponor AquaPEX White, 10-ft. straight lengths, 30 ft. (3 per bundle)	8	\$463.75
F1922500	2½" Uponor AquaPEX White, 20-ft. straight lengths, 60 ft. (3 per bundle)	8	\$883.30
F1913000	3" Uponor AquaPEX White, 10-ft. straight lengths, 30 ft. (3 per bundle)	10	\$629.60
F1923000	3" Uponor AquaPEX White, 20-ft. straight length, 40 ft. (2 per bundle)	10	\$799.50

Uponor AquaPEX white straight lengths



Part no.	Part description	Coils/pallet	List price/ea.
F2040500	½" Uponor AquaPEX Red, 100-ft. coil	22	\$73.49
F2060500	½" Uponor AquaPEX Red, 300-ft. coil	14	\$220.42
F2120500	½" Uponor AquaPEX Red, 1,000-ft. coil	8	\$734.81
F2040750	¾" Uponor AquaPEX Red, 100-ft. coil	18	\$126.02
F2060750	¾" Uponor AquaPEX Red, 300-ft. coil	7	\$377.86
F2100750	¾" Uponor AquaPEX Red, 500-ft. coil	8	\$629.80
F2041000	1" Uponor AquaPEX Red, 100-ft. coil	12	\$226.95
F2061000	1" Uponor AquaPEX Red, 300-ft. coil	5	\$681.00
F2101000	1" Uponor AquaPEX Red, 500-ft. coil	6	\$1,135.06

Uponor AquaPEX red coils



Part no.	Part description	Bags/bulk bag	List price/ea.
F2930500	½" Uponor AquaPEX Red, 20-ft. straight length, 500 ft. (25 per bundle)	25	\$367.35
F2930750	¾" Uponor AquaPEX Red, 20-ft. straight length, 300 ft. (15 per bundle)	20	\$377.85
F2921000	1" Uponor AquaPEX Red, 20-ft. straight length, 200 ft. (10 per bundle)	15	\$454.05

Uponor AquaPEX red straight lengths



PEX plumbing systems

Uponor AquaPEX blue coils



Part no.	Part description	Coils/pallet	List price/ea.
F3040500	½" Uponor AquaPEX Blue, 100-ft. coil	22	\$73.50
F3060500	½" Uponor AquaPEX Blue, 300-ft. coil	14	\$220.40
F3120500	½" Uponor AquaPEX Blue, 1,000-ft. coil	8	\$734.80
F3040750	¾" Uponor AquaPEX Blue, 100-ft. coil	18	\$126.00
F3060750	¾" Uponor AquaPEX Blue, 300-ft. coil	7	\$377.85
F3100750	¾" Uponor AquaPEX Blue, 500-ft. coil	8	\$629.80
F3041000	1" Uponor AquaPEX Blue, 100-ft. coil	12	\$226.95
F3061000	1" Uponor AquaPEX Blue, 300-ft. coil	5	\$681.00
F3101000	1" Uponor AquaPEX Blue, 500-ft. coil	6	\$1,135.05

Uponor AquaPEX blue straight lengths



Part no.	Part description	Bags/bulk bag	List price/ea.
F3930500	½" Uponor AquaPEX Blue, 20-ft. straight length, 500 ft. (25 per bundle)	25	\$367.35
F3930750	¾" Uponor AquaPEX Blue, 20-ft. straight length, 300 ft. (15 per bundle)	20	\$377.85
F3921000	1" Uponor AquaPEX Blue, 20-ft. straight length, 200 ft. (10 per bundle)	15	\$454.05

Uponor AquaPEX reclaimed water coils and straight lengths



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 and straight lengths, 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	14	\$231.30
F1060752	¾" Uponor AquaPEX Purple Reclaimed Water, 300-ft. coil	7	\$396.55
F1061002	1" Uponor AquaPEX Purple Reclaimed Water, 300-ft. coil	5	\$714.60
F1961002	1" Uponor AquaPEX Purple Reclaimed Water, 10-ft. straight length, 100 ft. (10 per bundle)	15	\$275.15
F1921002	1" Uponor AquaPEX Purple Reclaimed Water, 20-ft. straight length, 200 ft. (10 per bundle)	10	\$550.35
F1911256	1¼" Uponor AquaPEX Purple Reclaimed Water, 10-ft. straight length, 50 ft. (5 per bundle)	20	\$287.50
F1961256	1¼" Uponor AquaPEX Purple Reclaimed Water, 20-ft. straight length, 100 ft. (5 per bundle)	20	\$513.70
F1911506	1½" Uponor AquaPEX Purple Reclaimed Water, 10-ft. straight length, 50 ft. (5 per bundle)	20	\$354.20
F1961502	1½" Uponor AquaPEX Purple Reclaimed Water, 20-ft. straight length, 100 ft. (5 per bundle)	20	\$661.50
F1912006	2" Uponor AquaPEX Purple Reclaimed Water, 10-ft. straight length, 50 ft. (5 per bundle)	10	\$682.65
F1962002	2" Uponor AquaPEX Purple Reclaimed Water, 20-ft. straight length, 100 ft. (5 per bundle)	10	\$1,325.35

PEX plumbing systems

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 uponorpro.com/preinsulated for R-value and heat-loss information.

Pre-insulated Uponor AquaPEX coils



Part no.	Part description	Coils/pallet	List price/ea.
F6040500	½" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	3	\$357.20
F6150500	½" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	2	\$545.90
F6040750	¾" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	3	\$437.75
F6150750	¾" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	2	\$638.60
F6041000	1" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	5	\$532.95
F6151000	1" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	2	\$777.65
F6041250	1¼" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	5	\$867.10
F6151250	1¼" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	2	\$1,091.80
F6041500	1½" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	5	\$985.85
F6161500	1½" Pre-insulated Uponor AquaPEX with 1½" insulation, 75-ft. coil	2	\$1,205.10
F6042000	2" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	5	\$1,714.65
F6162000	2" Pre-insulated Uponor AquaPEX with 1½" insulation, 75-ft. coil	2	\$1,456.15

Part no.	Part description	Bags/bulk bag	List price/ea.
F6921250	1¼" Pre-insulated Uponor AquaPEX with ½" insulation, 20 ft. straight length, 100 ft.	4	\$867.10
F6921500	1½" Pre-insulated Uponor AquaPEX with ½" insulation, 20 ft. straight length, 100 ft.	4	\$985.85
F6922000	2" Pre-insulated Uponor AquaPEX with ½" insulation, 20-ft. straight length, 100 ft.	4	\$1,714.65

Pre-insulated Uponor AquaPEX straight lengths



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 PEX tubing, if required.

Pre-sleeved Uponor AquaPEX coils



Part no.	Part description	Coils/pallet	List price/ea.
F1091500	½" Pre-sleeved Uponor AquaPEX Blue Sleeve, 400-ft. coil	4	\$494.85
F1092500	½" Pre-sleeved Uponor AquaPEX Red Sleeve, 400-ft. coil	4	\$494.85
F1091750	¾" Pre-Sleeved Uponor AquaPEX Blue Sleeve, 400-ft. coil	3	\$763.50
F1092750	¾" Pre-Sleeved Uponor AquaPEX Red Sleeve, 400-ft. coil	3	\$763.50

PEX plumbing systems

HDPE corrugated sleeves



HDPE corrugated sleeves are 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" and ¾" Uponor AquaPEX tubing, the sleeves provide protection during installation and allow for removal and replacement of the PEX tubing, if required.

Part no.	Part description	Coils/pallet	List price/ea.
F1035400	½" HDPE Corrugated Sleeve, Red, 400-ft. coil	4	\$244.50
F1055400	½" HDPE Corrugated Sleeve, Blue, 400-ft. coil	4	\$244.50
F1037400	¾" HDPE Corrugated Sleeve, Red, 400-ft. coil	4	\$349.75
F1057400	¾" HDPE Corrugated Sleeve, Blue, 400-ft. coil	4	\$349.75

ProPEX rings



ProPEX rings are required to make ProPEX connections. The ½" through 3" 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	\$0.26
Q4690512	ProPEX Ring with Stop, ½"	50	\$0.26
Q4690756	ProPEX Ring with Stop, ¾"	50	\$0.53
Q4691000	ProPEX Ring with Stop, 1"	50	\$1.13
Q4691250	ProPEX Ring with Stop, 1¼"	10	\$1.46
Q4691500	ProPEX Ring with Stop, 1½"	5	\$1.94
Q4692000	ProPEX Ring with Stop, 2"	10	\$3.86
Q4692500	ProPEX Ring with Stop, 2½"	5	\$4.94
Q4693000	ProPEX Ring with Stop, 3"	5	\$8.14

PEX-a pipe supports

PEX-a pipe supports are available in 1/2" to 3 1/2" sizes for suspended piping applications in commercial plumbing and hydronic piping systems, enabling hanger spacing similar to that of copper. Each package quantity contains 15 support straps (i.e., three support straps per 9-ft. length).

PEX-a pipe supports



Part no.	Part description	Pkg. qty.	List price/ea.
F7040500	1/2" PEX-a Pipe Support, 9-ft. Length	5	\$12.20
F7040750	3/4" PEX-a Pipe Support, 9-ft. Length	5	\$13.70
F7041000	1" PEX-a Pipe Support, 9-ft. Length	5	\$14.20
F7041250	1 1/4" PEX-a Pipe Support, 9-ft. Length	5	\$18.25
F7041500	1 1/2" PEX-a Pipe Support, 9-ft. Length	5	\$20.15
F7042000	2" PEX-a Pipe Support, 9-ft. Length	5	\$23.30
F7042500	2 1/2" PEX-a Pipe Support, 9-ft. Length	5	\$38.00
F7043000	3" PEX-a Pipe Support, 9-ft. Length	5	\$40.00
F7043500	3 1/2" PEX-a Pipe Support, 9-ft. Length	5	\$48.80
Q7410510	PEX-a Pipe Support Strapping for 1/2", 3/4" and 1" PEX	100	\$1.15
Q7411220	PEX-a Pipe Support Strapping for 1 1/4", 1 1/2" and 2" PEX	100	\$2.00
Q7412540	PEX-a Pipe Support Strapping for 2 1/2", 3", 3 1/2" PEX	100	\$3.35



EP multi-port tees and elbows


EP branch multi-port tees feature 3/4" or 1" ProPEX inlets with 1/2" ProPEX branch outlets. The tees are made of EP, which is proven in demanding hot-water applications.

EP branch multi-port tees

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	\$10.20
Q2247550	3/4" EP Branch Multi-port Tee, 4 outlets	10	\$14.80
Q2241050	1" EP Branch Multi-port Tee, 4 outlets	10	\$33.65
Q2267550	3/4" EP Branch Multi-port Tee, 6 outlets	10	\$17.85
Q2261050	1" EP Branch Multi-port Tee, 6 outlets	10	\$44.05

 Price reduced

PEX plumbing systems

EP flow-through multi-port tees



EP flow-through multi-port tees feature 3/4" or 1" ProPEX inlets with 1/2" ProPEX branch outlets. The tees are 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	\$8.70
Q2237557	EP Flow-through Multi-port Tee, 3 outlets, 3/4" x 3/4" ProPEX	10	\$11.85
Q2231057	EP Flow-through Multi-port Tee, 3 outlets, 1" x 3/4" ProPEX	10	\$29.40
Q2247557	EP Flow-through Multi-port Tee, 4 outlets, 3/4" x 3/4" ProPEX	10	\$14.80
Q2241057	EP Flow-through Multi-port Tee, 4 outlets, 1" x 3/4" ProPEX	10	\$33.65
Q2241051	EP Flow-through Multi-port Tee, 4 outlets, 1" x 1" ProPEX	10	\$33.65
Q2267557	EP Flow-through Multi-port Tee, 6 outlets, 3/4" x 3/4" ProPEX	10	\$17.85
Q2261057	EP Flow-through Multi-port Tee, 6 outlets, 1" x 3/4" ProPEX	10	\$44.05
Q2261051	EP Flow-through Multi-port Tee, 6 outlets, 1" x 1" ProPEX	10	\$44.05

EP flow-through opposing-port multi-port tees



EP flow-through opposing-port multi-port tees feature 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 tees are 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	\$19.55
Q2347557	EP Flow-through Opposing-port Multi-port Tee, 4 outlets, 3/4" x 3/4" ProPEX	10	\$26.50
Q2367557	EP Flow-through Opposing-port Multi-port Tee, 6 outlets, 3/4" x 3/4" ProPEX	10	\$40.60

EP branch opposing-port multi-port tees



EP branch opposing-port multi-port tees feature 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 tees are 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	\$19.60
Q2347550	3/4" EP Branch Opposing-port Multi-port Tee, 4 outlets	10	\$26.35
Q2387550	3/4" EP Branch Opposing-port Multi-port Tee, 8 outlets	10	\$44.55

PEX plumbing systems

EP flow-through multi-port vertical tees feature an integrated vertical $\frac{3}{4}$ " ProPEX tee with $\frac{1}{2}$ " ProPEX branch outlets. The tees are designed for demanding slab-on-grade plumbing applications, and eliminate the need for multiple connections. The tees are 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, $\frac{3}{4}$ " x $\frac{3}{4}$ " x $\frac{3}{4}$ " ProPEX	10	\$38.35
Q2247757	EP Flow-through Multi-port Vertical Tee, 4 outlets, $\frac{3}{4}$ " x $\frac{3}{4}$ " x $\frac{3}{4}$ " ProPEX	10	\$42.85

EP flow-through multi-port vertical tees



EP flow-through multi-port horizontal tees feature an integrated horizontal $\frac{3}{4}$ " ProPEX tee with $\frac{1}{2}$ " ProPEX branch outlets. The tees are designed for demanding slab-on-grade plumbing applications, and eliminate the need for multiple connections. The tees are 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, $\frac{3}{4}$ " x $\frac{3}{4}$ " x $\frac{3}{4}$ " ProPEX	10	\$42.85

EP flow-through multi-port horizontal tees



EP flow-through multi-port elbows feature an integrated $\frac{3}{4}$ " ProPEX elbow with $\frac{1}{2}$ " ProPEX branch outlets. The elbows are designed for demanding slab-on-grade plumbing applications, and eliminate the need for multiple connections. The elbows are 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, $\frac{3}{4}$ " x $\frac{3}{4}$ " ProPEX	10	\$32.70
Q2245577	EP Flow-through Multi-port Elbow, 4 outlets, $\frac{3}{4}$ " x $\frac{3}{4}$ " ProPEX	10	\$32.70

EP flow-through multi-port elbows



Commercial EP branch multi-port elbows feature an integrated $\frac{3}{4}$ " or 1" ProPEX elbow inlet with $\frac{1}{2}$ " ProPEX branch outlets and mounting clips. The elbows are designed for commercial plumbing applications, and eliminate the need for multiple connections. The elbows are 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	$\frac{3}{4}$ " EP Branch Multi-port Elbow, 7 outlets with mounting clips	1	\$56.70
Q2087550	$\frac{3}{4}$ " EP Branch Multi-port Elbow, 8 outlets with mounting clips	1	\$61.45
Q2101000	1" EP Branch Multi-port Elbow, 10 outlets with mounting clips	1	\$65.90

Commercial EP branch multi-port elbows



PEX plumbing systems

Commercial EP branch multi-port tees



Commercial EP branch multi-port tees feature an integrated 3/4" or 1" ProPEX inlet with 1/2" ProPEX branch outlets, or a 1 1/4" ProPEX inlet with 3/4" ProPEX branch outlets. Designed for commercial plumbing applications, they eliminate the need for multiple connections. The tees are made of EP, which is proven in demanding hot-water applications. The 3/4" and 1" tees come with mounting clips and screws.

Note: ProPEX tool is required. ProPEX rings sold separately.

Part no.	Part description	Pkg. qty.	List price/ea.
Q2231375	1 1/4" EP Branch Multi-port Tee, 3 (3/4") outlets	1	\$52.50
Q2277550	3/4" EP Branch Multi-port Tee, 7 outlets with mounting clips	1	\$57.15
Q2287550	3/4" EP Branch Multi-port Tee, 8 outlets with mounting clips	1	\$62.30
Q2271051	1" EP Branch Multi-port Tee, 7 outlets with mounting clips	1	\$55.50
Q2281051	1" EP Branch Multi-port Tee, 8 outlets with mounting clips	1	\$60.40
Q2101051	1" EP Branch Multi-port Tee, 10 outlets with mounting clips	1	\$65.75
Q2121051	1" EP Branch Multi-port Tee, 12 outlets with mounting clips	1	\$71.70

Commercial EP flow-through multi-port tees



Commercial EP flow-through multi-port tees feature 1 1/4" or 2" ProPEX inlets with 3/4" or 1" ProPEX branch outlets. The tees are designed for commercial plumbing applications, and eliminate the need for multiple connections. The tees are 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.
Q2231373	EP Flow-through Multi-port Tee, 3 (3/4") outlets, 1 1/4" x 1 1/4" ProPEX	1	\$52.50
Q2232102	EP Flow-through Multi-port Tee, 3 (1") outlets, 2" x 2" ProPEX	1	\$194.25

ProPEX fittings

ProPEX EP and LF 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	\$1.60
LF4543850	ProPEX LF Brass Coupling, 3/8" PEX x 1/2" PEX	25	\$11.40
Q4775050	ProPEX EP Coupling, 1/2" PEX x 1/2" PEX	25	\$1.70
LF4545050	ProPEX LF Brass Coupling, 1/2" PEX x 1/2" PEX	25	\$6.65
Q4775075	ProPEX EP Coupling, 1/2" PEX x 3/4" PEX	25	\$3.55
LF4545075	ProPEX LF Brass Coupling, 1/2" PEX x 3/4" PEX	25	\$10.50
Q4777575	ProPEX EP Coupling, 3/4" PEX x 3/4" PEX	25	\$2.15
LF4547575	ProPEX LF Brass Coupling, 3/4" PEX x 3/4" PEX	25	\$10.15
Q4777510	ProPEX EP Coupling, 3/4" PEX x 1" PEX	25	\$5.10
LF4547510	ProPEX LF Brass Coupling, 3/4" PEX x 1" PEX	10	\$15.65
Q4771010	ProPEX EP Coupling, 1" PEX x 1" PEX	10	\$3.35
LF4541010	ProPEX LF Brass Coupling, 1" PEX x 1" PEX	10	\$18.45
Q4771307	ProPEX EP Coupling, 1 1/4" PEX x 3/4" PEX	1	\$7.45
Q4771310	ProPEX EP Coupling, 1 1/4" PEX x 1" PEX	1	\$7.70
Q4771313	ProPEX EP Coupling, 1 1/4" PEX x 1 1/4" PEX	1	\$8.75
Q4771507	ProPEX EP Coupling, 1 1/2" PEX x 3/4" PEX	1	\$9.30
Q4771510	ProPEX EP Coupling, 1 1/2" PEX x 1" PEX	1	\$9.50
Q4771513	ProPEX EP Coupling, 1 1/2" PEX x 1 1/4" PEX	1	\$9.65
Q4771515	ProPEX EP Coupling, 1 1/2" PEX x 1 1/2" PEX	1	\$9.80
Q4772015	ProPEX EP Coupling, 2" PEX x 1 1/2" PEX	1	\$38.05
Q4772020	ProPEX EP Coupling, 2" PEX x 2" PEX	1	\$48.75
Q4772513	ProPEX EP Coupling, 2 1/2" PEX x 1 1/4" PEX	1	\$80.00
Q4772515	ProPEX EP Coupling, 2 1/2" PEX x 1 1/2" PEX	1	\$80.00
Q4772520	ProPEX EP Coupling, 2 1/2" PEX x 2" PEX	1	\$80.00
Q4772525	ProPEX EP Coupling, 2 1/2" PEX x 2 1/2" PEX	1	\$80.00
Q4773020	ProPEX EP Coupling, 3" PEX x 2" PEX	1	\$100.00
Q4773025	ProPEX EP Coupling, 3" PEX x 2 1/2" PEX	1	\$100.00
Q4773030	ProPEX EP Coupling, 3" PEX x 3" PEX	1	\$100.00

ProPEX couplings



PEX plumbing systems

ProPEX LF brass to polyethylene (PE) couplings



ProPEX LF brass to polyethylene (PE) couplings transition black PE tubing (per ASTM D2737) 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	\$30.50

ProPEX LF brass to polybutylene (PB) couplings



ProPEX LF brass to polybutylene (PB) couplings transition 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	\$11.70
LF4587575	ProPEX LF Brass to PB Coupling, 3/4" PEX x 3/4" PB	25	\$19.40

ProPEX elbows



ProPEX EP and LF brass elbows make 90- or 45-degree connections for directional changes in an Uponor AquaPEX system.

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	\$2.10
Q4760750	ProPEX EP Elbow, 3/4" PEX x 3/4" PEX	25	\$2.60
LF4710750	ProPEX LF Brass Elbow, 3/4" PEX x 3/4" PEX	25	\$13.00
Q4761000	ProPEX EP Elbow, 1" PEX x 1" PEX	10	\$5.35
LF4711000	ProPEX LF Brass Elbow, 1" PEX x 1" PEX	10	\$20.90
Q4761250	ProPEX EP Elbow, 1 1/4" PEX x 1 1/4" PEX	1	\$13.25
Q4761500	ProPEX EP Elbow, 1 1/2" PEX x 1 1/2" PEX	1	\$17.65
Q4761515	ProPEX EP 45 Elbow, 1 1/2" PEX x 1 1/2" PEX	1	\$16.05
Q4762000	ProPEX EP Elbow, 2" PEX x 2" PEX	1	\$68.70
Q4762020	ProPEX EP 45 Elbow, 2" PEX x 2" PEX	1	\$68.70
Q4762500	ProPEX EP Elbow, 2 1/2" PEX x 2 1/2" PEX	1	\$115.00
Q4762525	ProPEX EP 45 Elbow, 2 1/2" PEX x 2 1/2" PEX	1	\$115.00
Q4763000	ProPEX EP Elbow, 3" PEX x 3" PEX	1	\$170.00
Q4763030	ProPEX EP 45 Elbow, 3" PEX x 3" PEX	1	\$170.00

PEX plumbing systems

ProPEX LF brass elbows with male iron pipe (MIP) make 90-degree connections for 1/2" Uponor AquaPEX tubing to 1/2" male NPT thread. ProPEX LF brass elbows with male sweat make 90-degree connections for 1/2" Uponor AquaPEX tubing to 1/2" female sweat.

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	\$13.55
LF4730500	ProPEX LF Brass Elbow, 1/2" PEX x 1/2" Male CU	10	\$13.35

ProPEX LF brass elbows



ProPEX LF brass drop ear elbows provide rigid, 90-degree connections for 1/2" to 1" 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	\$19.70
LF4235050	ProPEX Drop Ear LF Brass Elbow, 1/2" PEX x 1/2" FIP	25	\$15.60
LF4237575	ProPEX Drop Ear LF Brass Elbow, 3/4" PEX x 3/4" FIP	4	\$34.20
LF4231010	ProPEX Drop Ear LF Brass Elbow, 1" PEX x 1" FIP	4	\$51.50

ProPEX LF brass drop ear elbows



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	\$2.10
LF4705050	ProPEX LF Brass Tee, 1/2" PEX x 1/2" PEX x 1/2" PEX	25	\$11.20
Q4757575	ProPEX EP Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX	25	\$3.35
LF4707575	ProPEX LF Brass Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX	25	\$18.20
Q4751010	ProPEX EP Tee, 1" PEX x 1" PEX x 1" PEX	10	\$6.05
LF4701010	ProPEX LF Brass Tee, 1" PEX x 1" PEX x 1" PEX	10	\$33.65
Q4751313	ProPEX EP Tee, 1 1/4" PEX x 1 1/4" PEX x 1 1/4" PEX	1	\$15.10
Q4751515	ProPEX EP Tee, 1 1/2" PEX x 1 1/2" PEX x 1 1/2" PEX	1	\$21.10
Q4752000	ProPEX EP Tee, 2" PEX x 2" PEX x 2" PEX	1	\$84.60
Q4752500	ProPEX EP Tee, 2 1/2" PEX x 2 1/2" PEX x 2 1/2" PEX	1	\$140.00
Q4753000	ProPEX EP Tee, 3" PEX x 3" PEX x 3" PEX	1	\$230.00

ProPEX tees



PEX plumbing systems

ProPEX reducing tees



ProPEX EP and 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	\$8.05
Q4757555	ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 1/2" PEX	25	\$3.20
Q4757557	ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 3/4" PEX	25	\$3.20
Q4757550	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX	25	\$2.70
LF4707550	ProPEX LF Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX	25	\$18.20
Q4757710	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	10	\$12.00
LF4707710	ProPEX LF Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	10	\$29.35
Q4751775	ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	10	\$5.30
LF4701775	ProPEX LF Brass Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	10	\$33.65
Q4751751	ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	10	\$6.40
LF4701751	ProPEX LF Brass Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	10	\$33.65
Q4751150	ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	10	\$5.55
LF4701150	ProPEX LF Brass Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	10	\$33.65
Q4751175	ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	10	\$6.15
LF4701175	ProPEX LF Brass Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	10	\$33.65
Q4751317	ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 3/4" PEX	1	\$11.95
Q4751311	ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 1" PEX	1	\$13.95
Q4751350	ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 1/2" PEX	1	\$10.60
Q4751337	ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 3/4" PEX	1	\$14.05
Q4751331	ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 1" PEX	1	\$14.45
Q4751517	ProPEX EP Reducing Tee, 1 1/2" PEX x 1" PEX x 3/4" PEX	1	\$17.55
Q4751511	ProPEX EP Reducing Tee, 1 1/2" PEX x 1" PEX x 1" PEX	1	\$17.55
Q4751505	ProPEX EP Reducing Tee, 1 1/2" PEX x 1" PEX x 1 1/2" PEX	1	\$17.50
Q4751537	ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/4" PEX x 3/4" PEX	1	\$20.00
Q4751531	ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/4" PEX x 1" PEX	1	\$20.75

PEX plumbing systems

Part no.	Part description	Pkg. qty.	List price/ ea.
Q4751533	ProPEX EP Reducing Tee, 1½" PEX x 1¼" PEX x 1¼" PEX	1	\$22.05
Q4751550	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x ½" PEX	1	\$15.90
Q4751557	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x ¾" PEX	1	\$18.75
Q4751551	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x 1" PEX	1	\$19.40
Q4751553	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x 1¼" PEX	1	\$19.90
Q4752575	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x ¾" PEX	1	\$74.70
Q4752051	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 1" PEX	1	\$65.00
Q4752053	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 1¼" PEX	1	\$74.70
Q4752055	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 1½" PEX	1	\$81.15
Q4752152	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 2" PEX	1	\$76.50
Q4752250	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x ½" PEX	1	\$70.55
Q4752275	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x ¾" PEX	1	\$71.10
Q4752210	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1" PEX	1	\$69.75
Q4752213	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1¼" PEX	1	\$73.25
Q4752215	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1½" PEX	1	\$82.05
Q4752525	ProPEX EP Reducing Tee, 2½" PEX x 2" PEX x 1½" PEX	1	\$130.00
Q4752522	ProPEX EP Reducing Tee, 2½" PEX x 2" PEX x 2" PEX	1	\$130.00
Q4752557	ProPEX EP Reducing Tee, 2½" PEX x 2½" PEX x ¾" PEX	1	\$100.00
Q4752510	ProPEX EP Reducing Tee, 2½" PEX x 2½" PEX x 1" PEX	1	\$120.00
Q4752513	ProPEX EP Reducing Tee, 2½" PEX x 2½" PEX x 1¼" PEX	1	\$130.00
Q4752515	ProPEX EP Reducing Tee, 2½" PEX x 2½" PEX x 1½" PEX	1	\$130.00
Q4752520	ProPEX EP Reducing Tee, 2½" PEX x 2½" PEX x 2" PEX	1	\$130.00
Q4753220	ProPEX EP Reducing Tee, 3" PEX x 2" PEX x 2" PEX	1	\$180.00
Q4753215	ProPEX EP Reducing Tee, 3" PEX x 2½" PEX x 1½" PEX	1	\$175.00
Q4753252	ProPEX EP Reducing Tee, 3" PEX x 2½" PEX x 2" PEX	1	\$200.00

ProPEX reducing tees



PEX plumbing systems

ProPEX reducing tees



Part no.	Part description	Pkg. qty.	List price/ea.
Q4753375	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 3/4" PEX	1	\$150.00
Q4753310	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 1" PEX	1	\$150.00
Q4753313	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 1 1/4" PEX	1	\$160.00
Q4753315	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 1 1/2" PEX	1	\$170.00
Q4753320	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 2" PEX	1	\$200.00
Q4753325	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 2 1/2" PEX	1	\$220.00

ProPEX EP plugs



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	\$1.30
Q4350750	ProPEX EP Plug for 3/4" PEX	25	\$2.05
Q4351000	ProPEX EP Plug for 1" PEX	10	\$2.70
Q4351250	ProPEX EP Plug for 1 1/4" PEX	1	\$14.90
Q4351500	ProPEX EP Plug for 1 1/2" PEX	1	\$23.00
Q4352000	ProPEX EP Plug for 2" PEX	1	\$27.15

ProPEX adapters

ProPEX EP swivel closet adapters (with plastic nut) connect 1/2" Uponor AquaPEX tubing to a 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	\$4.35

ProPEX EP swivel closet adapters



ProPEX EP and 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	\$3.60
LF4655050	ProPEX LF Brass Swivel Faucet Adapter, 1/2" PEX x 1/2" NPSM	25	\$14.95

ProPEX swivel faucet adapters



ProPEX LF brass copper tube size (CTS) groove fitting adapters provide a direct connection to groove connections designed to meet CSA B242-05. These fittings are CTS on the groove connection side.

Part no.	Part description	Pkg. qty.	List price/ea.
LFV2962020	ProPEX LF Brass Groove Fitting Adapter, 2" PEX x 2" CTS Groove	1	\$86.00
LFV2962025	ProPEX LF Brass Groove Fitting Adapter, 2" PEX x 2 1/2" CTS Groove	1	\$87.00
LFV2962525	ProPEX LF Brass Groove Fitting Adapter, 2 1/2" PEX x 2 1/2" CTS Groove	1	\$130.00
LFV2963030	ProPEX LF Brass Groove Fitting Adapter, 3" PEX x 3" CTS Groove	1	\$190.00

ProPEX LF brass CTS groove fitting adapters



ProPEX LF brass iron pipe size (IPS) groove fitting adapters provide a direct connection to groove connections designed to meet CSA B242-05. These fittings are IPS on the groove connection side.

Part no.	Part description	Pkg. qty.	List price/ea.
LFV2972020	ProPEX LF Brass Groove Fitting Adapter, 2" PEX x 2" IPS Groove	1	\$86.00
LFV2972025	ProPEX LF Brass Groove Fitting Adapter, 2" PEX x 2 1/2" IPS Groove	1	\$87.00
LFV2972520	ProPEX LF Brass Groove Fitting Adapter, 2 1/2" PEX x 2" IPS Groove	1	\$128.00
LFV2972525	ProPEX LF Brass Groove Fitting Adapter, 2 1/2" PEX x 2 1/2" IPS Groove	1	\$130.00
LFV2972530	ProPEX LF Brass Groove Fitting Adapter, 2 1/2" PEX x 3" IPS Groove	1	\$165.00
LFV2973025	ProPEX LF Brass Groove Fitting Adapter, 3" PEX x 2 1/2" IPS Groove	1	\$175.00
LFV2973030	ProPEX LF Brass Groove Fitting Adapter, 3" PEX x 3" IPS Groove	1	\$190.00

ProPEX LF brass IPS groove fitting adapters



PEX plumbing systems

ProPEX LF brass male threaded adapters



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.

Part no.	Part description	Pkg. qty.	List price/ea.
LF4523850	ProPEX LF Brass Male Threaded Adapter, 3/8" PEX x 1/2" NPT	25	\$12.50
LF4525050	ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 1/2" NPT	25	\$5.80
LF4525075	ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 3/4" NPT	25	\$15.25
LF4527575	ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$10.55
LF4527510	ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 1" NPT	10	\$22.85
LF4521075	ProPEX LF Brass Male Threaded Adapter, 1" PEX x 3/4" NPT	10	\$22.85
LF4521010	ProPEX LF Brass Male Threaded Adapter, 1" PEX x 1" NPT	10	\$21.80
LF4521313	ProPEX LF Brass Male Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	1	\$50.75
LF4521515	ProPEX LF Brass Male Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	1	\$67.75
LF4522020	ProPEX LF Brass Male Threaded Adapter, 2" PEX x 2" NPT	1	\$196.00
LF4522525	ProPEX LF Brass Male Threaded Adapter, 2 1/2" PEX x 2 1/2" NPT	1	\$425.00
LF4523030	ProPEX LF Brass Male Threaded Adapter, 3" PEX x 3" NPT	1	\$620.00

ProPEX stainless-steel male threaded adapters



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	\$28.50
Q8527575	ProPEX Stainless-steel Male Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$42.80
Q8521010	ProPEX Stainless-steel Male Threaded Adapter, 1" PEX x 1" NPT	10	\$64.10

PEX plumbing systems

ProPEX LF brass fitting adapters transition Uponor PEX tubing to copper fittings.

Note: ProPEX tool is required. ProPEX rings sold separately.

Note: These fittings are not intended to be used as a direct copper press to ProPEX adapter.

ProPEX LF brass fitting adapters



Part no.	Part description	Pkg. qty.	List price/ea.
LF4505050	ProPEX LF Brass Fitting Adapter, 1/2" PEX x 1/2" Copper	25	\$4.00
LF4505075	ProPEX LF Brass Fitting Adapter, 1/2" PEX x 3/4" Copper	25	\$8.15
LF4507550	ProPEX LF Brass Fitting Adapter, 3/4" PEX x 1/2" Copper	25	\$16.65
LF4507575	ProPEX LF Brass Fitting Adapter, 3/4" PEX x 3/4" Copper	25	\$8.80
LF4507510	ProPEX LF Brass Fitting Adapter, 3/4" PEX x 1" Copper	10	\$18.05
LF4501010	ProPEX LF Brass Fitting Adapter, 1" PEX x 1" Copper	10	\$16.90
LF4501313	ProPEX LF Brass Fitting Adapter, 1 1/4" PEX x 1 1/4" Copper	1	\$37.40
LF4501515	ProPEX LF Brass Fitting Adapter, 1 1/2" PEX x 1 1/2" Copper	1	\$61.70
LF4502020	ProPEX LF Brass Fitting Adapter, 2" PEX x 2" Copper	1	\$176.40

Part no.	Part description	Pkg. qty.	List price/ea.
LF2957575	ProPEX LF Brass Water Heater Adapter, 3/4" PEX LF Brass x 3/4" FIP x 18"	20	\$55.05

ProPEX LF brass water heater adapters



PEX plumbing systems

ProPEX LF brass female threaded adapters



ProPEX LF 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	\$11.65
LF4575075	ProPEX LF Brass Female Threaded Adapter, 1/2" PEX x 3/4" NPT	25	\$19.40
LF4577575	ProPEX LF Brass Female Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$13.05
LF4577510	ProPEX LF Brass Female Threaded Adapter, 3/4" PEX x 1" NPT	10	\$41.60
LF4571010	ProPEX LF Brass Female Threaded Adapter, 1" PEX x 1" NPT	10	\$28.35
LF4571313	ProPEX LF Brass Female Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	1	\$51.95
LF4571515	ProPEX LF Brass Female Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	1	\$110.95
LF4572020	ProPEX LF Brass Female Threaded Adapter, 2" PEX x 2" NPT	1	\$241.75

ProPEX LF brass sweat adapters



ProPEX LF brass sweat adapters transition Uponor AquaPEX tubing to copper pipe.

Note: ProPEX tool is required. ProPEX rings sold separately.

Part no.	Part description	Pkg. qty.	List price/ea.
LF4513850	ProPEX LF Brass Sweat Adapter, 3/8" PEX x 1/2" Copper	25	\$9.80
LF4515050	ProPEX LF Brass Sweat Adapter, 1/2" PEX x 1/2" Copper	25	\$4.05
LF4515075	ProPEX LF Brass Sweat Adapter, 1/2" PEX x 3/4" Copper	25	\$8.25
LF4517550	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 1/2" Copper	25	\$15.25
LF4517575	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 3/4" Copper	25	\$9.30
LF4517510	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 1" Copper	10	\$18.70
LF4511010	ProPEX LF Brass Sweat Adapter, 1" PEX x 1" Copper	10	\$15.50
LF4511313	ProPEX LF Brass Sweat Adapter, 1 1/4" PEX x 1 1/4" Copper	1	\$42.40
LF4511515	ProPEX LF Brass Sweat Adapter, 1 1/2" PEX x 1 1/2" Copper	1	\$64.85
LF4512020	ProPEX LF Brass Sweat Adapter, 2" PEX x 2" Copper	1	\$176.40
LF4512525	ProPEX LF Brass Sweat Adapter, 2 1/2" PEX x 2 1/2" Copper	1	\$365.00
LF4513030	ProPEX LF Brass Sweat Adapter, 3" PEX x 3" Copper	1	\$575.00

PEX plumbing systems

ProPEX LF brass CPVC spigot adapters transition Uponor PEX tubing to CPVC (CTS) fittings.

Note: ProPEX tool is required. ProPEX rings sold separately.

Note: Follow all CPVC manufacturer's instructions for proper CPVC connections.

Part no.	Part description	Pkg. qty.	List price/ea.
CP4501313	ProPEX LF Brass x CPVC Spigot Adapter, 1¼" PEX x 1¼" CPVC (CTS)	1	\$59.20
CP4501515	ProPEX LF Brass x CPVC Spigot Adapter, 1½" PEX x 1½" CPVC (CTS)	1	\$76.50
CP4502020	ProPEX LF Brass x CPVC Spigot Adapter, 2" PEX x 2" CPVC (CTS)	1	\$123.90

ProPEX LF brass CPVC spigot adapters



ProPEX LF brass CPVC socket adapters transition Uponor PEX tubing to CPVC (CTS) pipe.

Note: ProPEX tool is required. ProPEX rings sold separately.

Note: Follow all CPVC manufacturer's instructions for proper CPVC connections.

Part no.	Part description	Pkg. qty.	List price/ea.
CP4511313	ProPEX LF Brass x CPVC Socket Adapter, 1¼" PEX x 1¼" CPVC (CTS)	1	\$59.20
CP4511515	ProPEX LF Brass x CPVC Socket Adapter, 1½" PEX x 1½" CPVC (CTS)	1	\$76.50
CP4512020	ProPEX LF Brass x CPVC Socket Adapter, 2" PEX x 2" CPVC (CTS)	1	\$123.90

ProPEX LF brass CPVC socket adapters



ProPEX LF brass CPVC spigot adapter kits transition from either CTS or IPS CPVC to Uponor PEX piping systems.

Part no.	Part description	Pkg. qty.	List price/ea.
CP4501300	ProPEX LF Brass x CPVC Spigot Adapter Kit, 1¼" PEX x 1¼" CPVC (IPS or CTS)	1	\$62.30
CP4501500	ProPEX LF Brass x CPVC Spigot Adapter Kit, 1½" PEX x 1½" CPVC (IPS or CTS)	1	\$80.40
CP4502000	ProPEX LF Brass x CPVC Spigot Adapter Kit, 2" PEX x 2" CPVC (IPS or CTS)	1	\$128.00

ProPEX LF brass CPVC spigot adapter kits



ProPEX LF brass flange adapter kits are available for 2½" and 3" PEX pipe sizes. The kit includes a ProPEX adapter, a flange adapter and four nuts and bolts. The flanges carry a 150-lb. rating.

Part no.	Part description	List price/ea.
LF2982525	ProPEX LF Brass Flange Adapter Kit, 2½" PEX (150 lb.)	\$589.00
LF2983030	ProPEX LF Brass Flange Adapter Kit, 3" PEX (150 lb.)	\$795.00

ProPEX LF brass flange adapter kits



PEX plumbing systems

Valves and accessories

Uponor ProPEX LF brass valves for residential applications consist of 1/2" ProPEX chrome-plated, full port, point-of-use stop valves, ice maker valves and in-line (drain and non-drain) ProPEX x ProPEX, ProPEX x sweat and ProPEX x MPT ball valves 1/2" to 3/4". Uponor also offers LF brass commercial ball valves in sizes 1/2" to 2", full port with optional stem extensions.

ProPEX LF brass angle stop valves



Use angle stop valves for point-of-use shutoff at the fixture.

Part no.	Part description	Pkg. qty.	List price/ea.
LF4855038	ProPEX LF Brass Angle Stop Valve (full port), 1/2" PEX	10	\$8.35



ProPEX LF brass straight stop valves



Use straight stop valves for point-of-use shutoff at the fixture.

Part no.	Part description	Pkg. qty.	List price/ea.
LF4865038	ProPEX LF Brass Straight Stop Valve (full port), 1/2" PEX	10	\$9.35



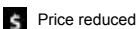
LF brass compression stop valves



LF brass compression (quarter-turn) stop valves 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" outside diameter (O.D.) risers.

Note: Includes compression inserts and rings for the 1/2" PEX connections.

Part no.	Part description	Pkg. qty.	List price/ea.
LF4410500	LF Brass Compression Angle Stop Valve for 1/2" PEX	10	\$20.20
LF4420500	LF Brass Compression Straight Stop Valve for 1/2" PEX	10	\$23.25
F5400500	1/2" Insert (stainless steel)	10	\$2.00
F4440500	1/2" Compression Ring (brass)	10	\$1.40



PEX 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	\$1.45
F1072520	3/8" O.D. x 20" Lav Riser	100	\$2.00
F1072530	3/8" O.D. x 30" Lav Riser	100	\$2.60
F1072536	3/8" O.D. x 36" Lav Riser	100	\$3.40
F1082512	3/8" O.D. x 12" Closet Riser	100	\$1.60
F1082520	3/8" O.D. x 20" Closet Riser	100	\$2.00
Q4440250	3/8" I.D. Delrin Ring, replacement part	50	\$0.10
Q4300250	Riser Washer	1	\$37.50

Risers



ProPEX escutcheons with flaired sleeve provide 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 (11/16" O.D.), chrome-plated	25	\$11.95
F5670500	ProPEX Escutcheon for 1/2" PEX (11/16" O.D.), white	25	\$3.35

ProPEX escutcheons



Chrome finishing sleeves slide over 1/2" Uponor AquaPEX tubing connected to point-of-use valves to provide protection and improve appearance.

Part no.	Part description	Pkg. qty.	List price/ea.
F5600500	Chrome Finishing Sleeve for 1/2" PEX (11/16" O.D.)	25	\$6.15

Chrome finishing sleeves



PEX plumbing systems

ProPEX LF brass ball valves



ProPEX LF brass ball valves are intended as an in-line shutoff (with and without drain) valve for 1/2" and 3/4" Uponor PEX. These valves are not compatible with applications using glycol.

Part no.	Part description	Pkg. qty.	List price/ea.
LF4815050	ProPEX LF Brass Ball Valve (large bore), 1/2" PEX x 1/2" PEX	10	\$21.50
LF4817575	ProPEX LF Brass Ball Valve (large bore), 3/4" PEX x 3/4" PEX	10	\$26.00
LF4815055	ProPEX LF Brass Stop and Drain Ball Valve, (0.44" bore) 1/2" PEX	10	\$45.25
LF4817580	ProPEX LF Brass Stop and Drain Ball Valve, (0.44" bore) 3/4" PEX	10	\$52.30

ProPEX LF brass commercial ball valves



ProPEX LF brass commercial ball valves (full port) are designed and dimensioned to deliver all the benefits of the ProPEX connection that you have grown to expect from an Uponor system. These valves are acceptable for use in a system containing no more than 50% propylene glycol.

Stem extension kits are available for insulated piping applications (accommodates up to 2" of insulation).

Note: ProPEX tool is required. ProPEX rings sold separately.

Part no.	Part description	Pkg. qty.	List price/ea.
LFC4825050	ProPEX LF Brass Commercial Ball Valve (full port), 1/2" PEX x 1/2" PEX	10	\$42.00
LFC4827575	ProPEX LF Brass Commercial Ball Valve (full port), 3/4" PEX x 3/4" PEX	10	\$54.00
LFC4821010	ProPEX LF Brass Commercial Ball Valve (full port), 1" PEX x 1" PEX	1	\$75.00
LFC4821313	ProPEX LF Brass Commercial Ball Valve (full port), 1 1/4" PEX x 1 1/4" PEX	1	\$120.00
LFC4821515	ProPEX LF Brass Commercial Ball Valve (full port), 1 1/2" PEX x 1 1/2" PEX	1	\$185.00
LFC4822020	ProPEX LF Brass Commercial Ball Valve (full port), 2" PEX x 2" PEX	1	\$320.00
F5630001	2 3/8" Stem Extension Kit for 1/2" and 3/4" Valves	1	\$24.70
F5630002	2 5/8" Stem Extension Kit for 1" and 1 1/4" Valves	1	\$26.80
F5630003	2 7/8" Stem Extension Kit for 1 1/2" and 2" Valves	1	\$48.30

ProPEX to MIP LF brass ball valves



ProPEX to MIP LF brass (quarter-turn) ball valves feature a shutoff valve between 5/8" Uponor AquaPEX and 1/2" MIP.

Note: 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	\$28.45

\$ Price reduced

PEX plumbing systems

ProPEX brass to copper (quarter-turn) ball valves feature a shutoff valve for 1/2" and 3/4" Uponor AquaPEX tubing to 1/2" and 3/4" copper pipe.

Note: 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	\$17.50
LF4807575	ProPEX LF Brass Ball Valve (large bore), 3/4" PEX x 3/4" Copper Adapter	10	\$31.00

ProPEX LF brass to copper ball valves



ProPEX LF brass ice maker tees and valves connect 1/2" PEX x 1/4" O.D. compression with quarter-turn shutoff capability.

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, 1/2" PEX x 1/2" PEX x 1/4" O.D. compression	10	\$45.30
LF4785025	ProPEX LF Brass Ice Maker Valve, 1/2" PEX x 1/4" O.D. (angle)	10	\$19.30
LF4786025	ProPEX LF Brass Ice Maker Valve, 1/2" PEX x 1/4" O.D. (straight)	10	\$22.40





ProPEX LF brass ice maker tees and valves



Water service


Targeted for commercial multifamily sub-metering as well as residential whole-home metering, Uponor's ProPEX water service offering is designed for direct connection to water meters sized 5/8" to 1".

ProPEX EP water meter fittings provide a straight or 90-degree connection to water meters for 3/4" and 1" Uponor AquaPEX tubing. They are sold as a kit containing the fitting along with a gasket and two swivel nuts (EP nuts for plastic meters and metal nuts for metal meters).

Part no.	Part description	Pkg. qty.	List price/ea.
 WS4360750	ProPEX EP Straight Water Meter Fitting, 3/4" PEX x 1" NPSM	1	\$13.50
 WS4361000	ProPEX EP Straight Water Meter Fitting, 1" PEX x 1 1/4" NPSM	1	\$15.50
 WS4360751	ProPEX EP Elbow Water Meter Fitting, 3/4" PEX x 1" NPSM	1	\$15.00
 WS4361001	ProPEX EP Elbow Water Meter Fitting, 1" PEX x 1 1/4" NPSM	1	\$17.50

ProPEX EP water meter fittings



 Price reduced

PEX plumbing systems

ProPEX LF brass water meter valves



ProPEX LF brass water meter valves provide a straight or 90-degree connection to water meters for 3/4" and 1" Uponor AquaPEX tubing. They are sold as a kit containing the valve along with a gasket and two swivel nuts (EP nuts for plastic meters and metal nuts for metal meters).

Part no.	Part description	Pkg. qty.	List price/ea.
WS4820750	ProPEX LF Brass Straight Water Meter Valve, 3/4" PEX x 1" NPSM	1	\$37.50
WS4821000	ProPEX LF Brass Straight Water Meter Valve, 1" PEX x 1 1/4" NPSM	1	\$52.50
WS4820751	ProPEX LF Brass Elbow Water Meter Valve, 3/4" PEX x 1" NPSM	1	\$37.50
WS4821001	ProPEX LF Brass Elbow Water Meter Valve, 1" PEX x 1 1/4" NPSM	1	\$52.50

Mounting brackets for 5/8" to 1" water meters



Mounting brackets support the water meter system by the connector fitting or valve.

Part no.	Part description	Pkg. qty.	List price/ea.
A5750001	Mounting Bracket for 5/8" to 1" Water Meters	1	\$12.00

Ells and boxes

ProPEX LF copper tub ell



ProPEX LF copper tub ell provide 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	\$15.80
LF2885050	ProPEX LF Copper Tub Ell, 1/2" PEX LF Brass x 1/2" Copper (3" x 4")	25	\$14.30

PEX plumbing systems

ProPEX copper stub ells provide a 90-degree transition from Uponor AquaPEX tubing to copper or 1/2" compression valves.

ProPEX LF copper stub ells

Note: ProPEX tool is required. ProPEX rings sold separately.



Part no.	Part description	Pkg. qty.	List price/ea.
LF2865050	ProPEX LF Copper Stub Ell, 1/2" PEX LF Brass x 1/2" Copper (3 1/2" x 8")	25	\$17.45
LF2855050	ProPEX LF Copper Stub Ell, 1/2" PEX LF Brass x 1/2" Copper (13" x 8")	25	\$24.95
LF2895050	ProPEX LF Copper Stub Ell, 1/2" PEX LF Brass x 1/2" Copper (8" x 13")	25	\$25.60
LF2897575	ProPEX LF Copper Stub Ell, 3/4" PEX LF Brass x 3/4" Copper (4" x 8")	25	\$39.15
NEW LF2891010	ProPEX LF Copper Stub Ell, 1" PEX x 1" Copper (12" x 12")	1	\$60.00

ProPEX LF copper straight stubs provide a straight transition from Uponor AquaPEX tubing to copper.

ProPEX LF copper straight stubs

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	\$17.95
LF2945050	ProPEX LF Copper Straight Stub, 1/2" PEX LF Brass x 1/2" Copper (15")	25	\$21.55
LF2962525	ProPEX LF Copper Straight Stub, 2 1/2" PEX LF Brass x 2 1/2" Copper	1	\$475.00
LF2963030	ProPEX LF Copper Straight Stub, 3" PEX LF Brass x 3" Copper	1	\$720.00

ProPEX washing machine outlet boxes come with two 1/2" ProPEX LF brass 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.

ProPEX LF brass washing machine outlet boxes

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	\$81.05

PEX plumbing systems

ProPEX LF brass ice maker boxes



ProPEX ice maker outlet boxes come with one ½" ProPEX LF brass 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	\$47.90
F5400250	¼" Insert (stainless steel)	10	\$1.10

EP valved manifold and accessories

EP valved manifolds



Available with three or four ProPEX outlets, EP valved manifolds are 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, 3 outlets with ½" ProPEX	1	\$105.20
Q2110400	EP Valved Manifold, 4 outlets with ½" ProPEX	1	\$126.20

EP valved manifold ProPEX inlets and end caps



EP valved manifold ProPEX inlets connect ¾" and 1" Uponor AquaPEX tubing to the manifold. EP valved manifold end caps seal 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	\$14.90
Q2121000	EP Valved Manifold, 1" ProPEX Inlet	10	\$16.10
Q2121250	EP Valved Manifold End Cap	10	\$14.75

EP valved manifold couplings



EP valved manifold couplings join 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	\$20.25
Q2121313	EP Valved Manifold Flow-through Coupling	10	\$17.35

PEX plumbing systems

EP valved manifold assembly/mounting brackets assemble EP valved manifold sections and mount manifolds to a wall or stud. One bracket is required per manifold joint.

EP valved manifold assembly/mounting brackets

Part no.	Part description	Pkg. qty.	List price/ea.
Q2120020	EP Valved Manifold Assembly/Mounting Bracket	10	\$9.30



Use replacement EP valved manifold accessories with EP valved manifolds.

Note: Valve clips are required and sold separately.

EP valved manifold accessories

Part no.	Part description	Pkg. qty.	List price/ea.
Q2120050	EP Valved Manifold Valve Cylinder with O-rings	10	\$14.75
Q2120010	EP Valved Manifold Valve-turning Tool, replacement part	10	\$3.90
Q2120001	EP Valved Manifold Red Valve Clip	100	\$1.35
Q2120002	EP Valved Manifold Blue Valve Clip	100	\$1.35



Copper branch manifolds

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

ProPEX 1" (type L) copper branch manifolds

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	\$82.25
LF2811050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 6 outlets	1	\$112.20
LF2821050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 8 outlets	1	\$141.35
LF2831050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 10 outlets	1	\$176.35
LF2841050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 12 outlets	1	\$216.60



PEX plumbing systems

ProPEX 1" (type L) copper LF valved manifolds



ProPEX 1" copper valved manifolds feature ½" 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 accepted 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 ½" ProPEX Ball Valve, 4 outlets	1	\$243.00
LF2500600	1" Copper Manifold with LF Brass ½" ProPEX Ball Valve, 6 outlets	1	\$343.05
LF2500800	1" Copper Manifold with LF Brass ½" ProPEX Ball Valve, 8 outlets	1	\$453.55
LF2501000	1" Copper Manifold with LF Brass ½" ProPEX Ball Valve, 10 outlets	1	\$554.20
LF2501200	1" Copper Manifold with LF Brass ½" ProPEX Ball Valve, 12 outlets	1	\$647.30

ProPEX 1" (type L) LF copper manifolds



ProPEX 1" copper manifolds are 6' in length and feature 24 individual ½" ProPEX LF brass outlets spaced 3" on center. The manifolds are 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.
LF2512450	1" x 6' Copper Manifold with 24 LF Brass outlets, ½" ProPEX, 3" on center	1	\$631.25

Copper (type L) valveless manifolds



Copper valveless manifolds with ½" or ¾" nominal branches are available in various outlet configurations. The manifolds can join together to create the desired number of outlets. Branches are brazed to the manifold trunk. Use Uponor QS-style or ProPEX ½" or ¾" brass sweat adapters to make connections to ⅜", ½", ⅝" and ¾" 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; 1½", 21 gpm; 1", 9 gpm.

Part no.	Part description	Pkg. qty.	List price/ea.
F2802075	2" x 6' Copper Valveless Manifold with 24 outlets, ¾" sweat	1	\$830.40
F2801575	1½" x 6' Copper Valveless Manifold with 24 outlets, ¾" sweat	1	\$574.80
F2751050	1" Copper Valveless Manifold, 3 outlets, ½" sweat, 1½" on center	1	\$59.00
F2761050	1" Copper Valveless Manifold, 4 outlets, ½" sweat, 1½" on center	1	\$63.90

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. 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	\$1,102.65
LF6700002	LF D'MAND Model 200	1	\$1,890.30

D'MAND® Hot Water Delivery System



D'MAND activation buttons are 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	\$15.45

D'MAND activation buttons



D'MAND motion sensors are 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	\$200.45

D'MAND motion sensors



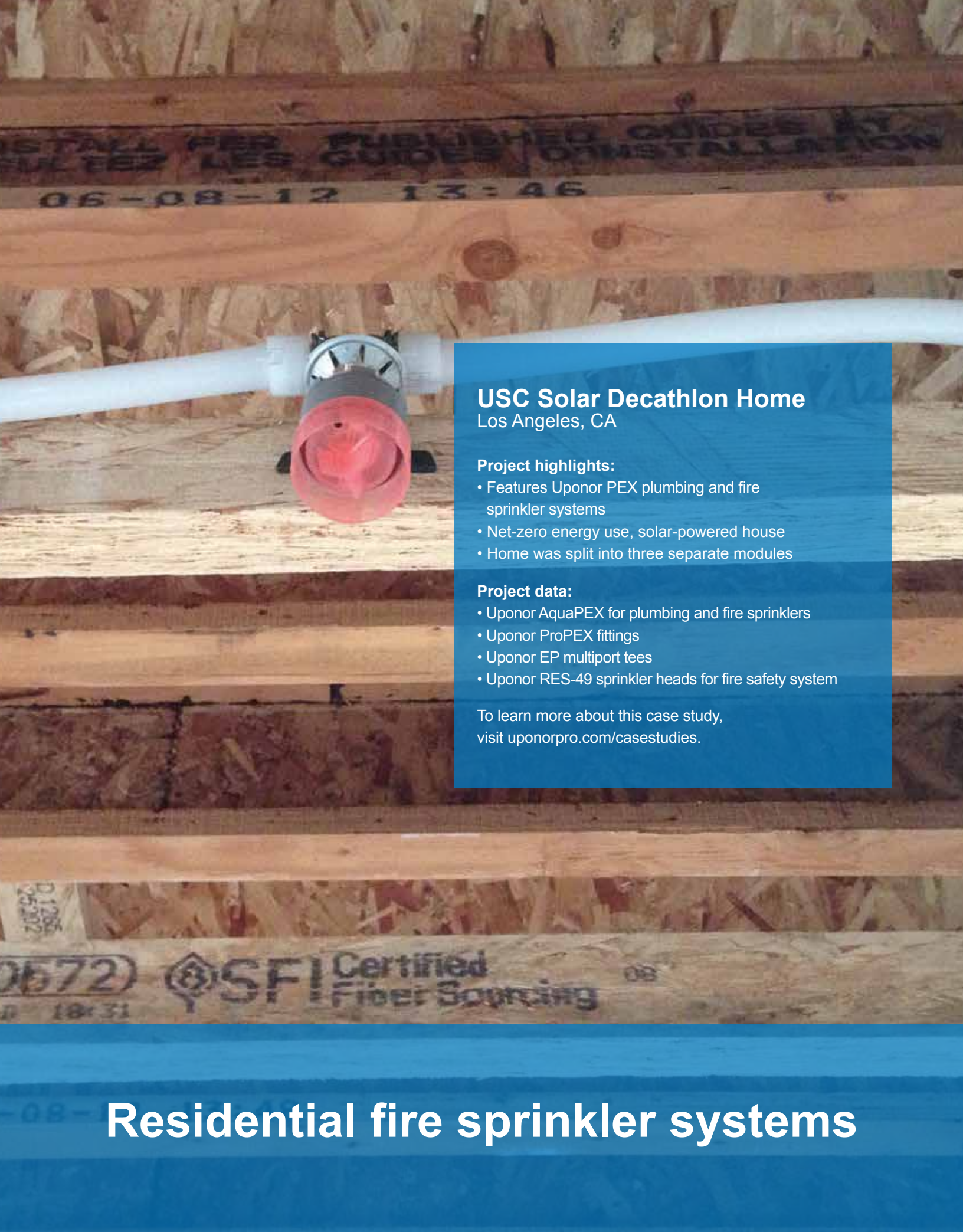
PEX plumbing systems

Tools and accessories



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

- Tube uncoilers: **page 137**
- Tube cutters: **page 137-138**
- Fitting handling: **page 138**
- ProPEX tools and accessories: **pages 139-140**
- MLC press fitting tools and accessories: **pages 141-142**
- Other tools: **page 142**
- Tubing supports: **pages 143-144**
- Fasteners, fastener tools and protectors: **pages 145-148**



USC Solar Decathlon Home

Los Angeles, CA

Project highlights:

- Features Uponor PEX plumbing and fire sprinkler systems
- Net-zero energy use, solar-powered house
- Home was split into three separate modules

Project data:

- Uponor AquaPEX for plumbing and fire sprinklers
- Uponor ProPEX fittings
- Uponor EP multiport tees
- Uponor RES-49 sprinkler heads for fire safety system

To learn more about this case study, visit uponorpro.com/casestudies.

Residential fire sprinkler systems

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 the 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 tubing

Connection and fitting usage comparison

Uponor AquaSAFE

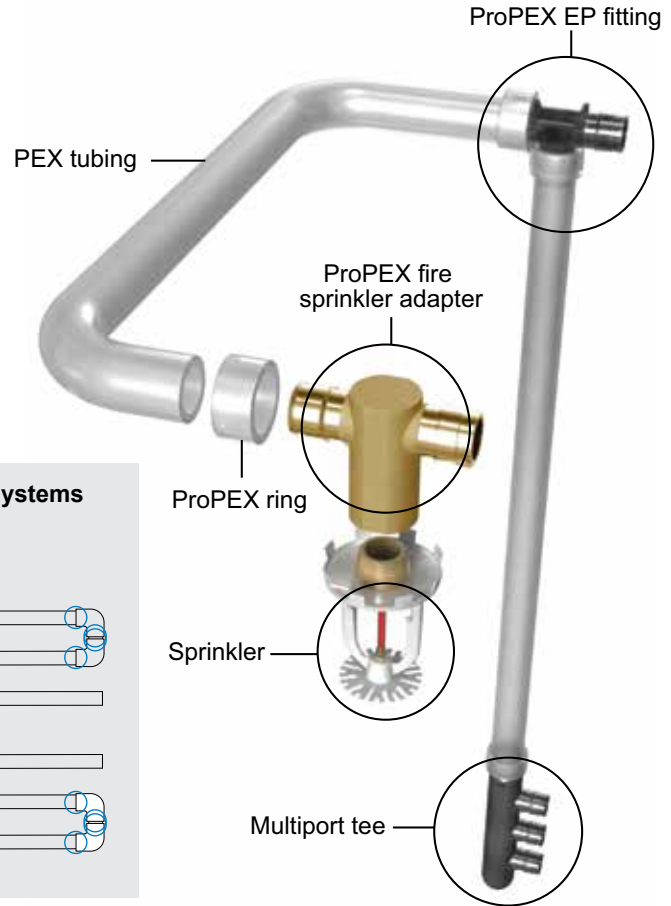
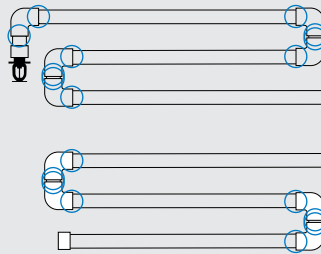
Connections: 139
Fittings: 53



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

- EP fittings and flow-through multiport tees are listed for use in Uponor AquaSAFE systems
- More flexible and efficient design options
- More cost effective
- More fitting configurations available
- LF brass fire sprinkler adapter elbows simplify mounting and material ordering

Residential fire sprinkler systems

Uponor AquaPEX tubing

Uponor AquaPEX white tubing is approved for use in AquaSAFE residential fire safety systems.

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 (shown below) 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.

Part no.	Part description	Coils/pallet	List price/ea.
F1040500	½" Uponor AquaPEX White, 100-ft. coil	22	\$73.50
F1060500	½" Uponor AquaPEX White, 300-ft. coil	18	\$220.40
F1100500	½" Uponor AquaPEX White, 500-ft. coil	12	\$367.45
F1120500	½" Uponor AquaPEX White, 1,000-ft. coil	8	\$734.80
F1040750	¾" Uponor AquaPEX White, 100-ft. coil	22	\$126.00
F1060750	¾" Uponor AquaPEX White, 300-ft. coil	9	\$377.85
F1100750	¾" Uponor AquaPEX White, 500-ft. coil	8	\$629.80
F1041000	1" Uponor AquaPEX White, 100-ft. coil	12	\$226.95
F1061000	1" Uponor AquaPEX White, 300-ft. coil	5	\$681.00
F1101000	1" Uponor AquaPEX White, 500-ft. coil	6	\$1,135.05
F1061250	1¼" Uponor AquaPEX White, 100-ft. coil	7	\$478.60
F1021250	1¼" Uponor AquaPEX White, 300-ft. coil	2	\$1,435.55

Uponor AquaPEX white coils



Part no.	Part description	List price/ea.
F1930500	½" Uponor AquaPEX White, 20-ft. straight length, 500 ft. (25 per bundle)	\$367.35
F1930750	¾" Uponor AquaPEX White, 20-ft. straight length, 300 ft. (15 per bundle)	\$377.85
F1921000	1" Uponor AquaPEX White, 20-ft. straight length, 200 ft. (10 per bundle)	\$454.05
F1921250	1¼" Uponor AquaPEX White, 20-ft. straight length, 100 ft. (5 per bundle)	\$478.60

Uponor AquaPEX white straight lengths



Residential fire sprinkler systems

ProPEX rings

ProPEX rings are required to make a proper ProPEX connection. Rings are listed to UL 1821 and ULC/ORD C199P.



Part no.	Part description	Pkg. qty.	List price/ea.
Q4690512	ProPEX Ring with Stop, 1/2"	50	\$0.26
Q4690756	ProPEX Ring with Stop, 3/4"	50	\$0.53
Q4691000	ProPEX Ring with Stop, 1"	50	\$1.13
Q4691250	ProPEX Ring with Stop, 1 1/4"	10	\$1.46

Looped sprinkler adapters

ProPEX LF brass fire sprinkler adapters

ProPEX LF brass fire sprinkler adapters connect 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 LF brass fire sprinkler adapter. Mount the bracket using #10 x 1 1/2" screws (F7001500) or equivalent.

Note: ProPEX tool is required. ProPEX rings sold separately. Listed to UL 1821 and ULC/ORD C199P.

Part no.	Part description	Pkg. qty.	List price/ea.
LF7707575*	ProPEX LF Brass Fire Sprinkler Adapter Tee, 3/4" PEX x 3/4" PEX x 1/2" FNPT	5	\$45.40
LF7701010*	ProPEX LF Brass Fire Sprinkler Adapter Tee, 1" PEX x 1" PEX x 1/2" FNPT	5	\$48.85
LF7717550*	ProPEX LF Brass Fire Sprinkler Adapter Elbow, 3/4" PEX x 1/2" FNPT	5	\$38.35
LF7711050*	ProPEX LF Brass Fire Sprinkler Adapter Elbow, 1" PEX x 1/2" FNPT	5	\$39.90
A7750700	Fire Sprinkler Adapter Mounting Bracket, 3/4" and 1"	5	\$10.05
F7001500	Screws, #10 x 1-1/2", Pan Head, Full Thread, 100/pkg.	1	\$25.00
F7000005	Fire Sprinkler Adapter Push-on Nut, 25/pkg.	1	\$62.50

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

Residential fire sprinkler systems

Residential fire sprinklers

Concealed sprinklers thread onto Uponor's fire sprinkler adapter fittings. 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 for LF74970FC sold separately. Concealed cover plates are included with LF74971FW. Do not store sprinkler assemblies where the ambient temperature will exceed 100°F. Special sprinkler wrenches are required to assemble sprinkler and adapter.

Part no.	Part description	K-factor	Pkg. qty.	List price/ea.
LF74970FC	LF RC-RES (162F) Flat Concealed Sprinkler	4.9	50	\$51.90
LF74971FW*	LF RC-RES (175F) Flat Concealed Sprinkler with White Cover Plate	4.9	5	\$91.95

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

Concealed sprinklers



Recessed pendent sprinklers thread onto Uponor's fire sprinkler adapter fittings. Sprinklers are NSF- and UL-approved for combined plumbing and fire sprinkler systems.

Note: Protective plastic caps, escutcheons and tension collars sold separately. Do not store sprinklers where the ambient temperature will exceed 100°F. Sprinkler wrench required to assemble sprinkler and adapter.

Part no.	Part description	K-factor	Pkg. qty.	List price/ea.
LF73000WH	LF Recessed Pendent Sprinkler, 155F, 3.0 K-factor, White	3.1	5	\$69.20
LF73001WH*	LF Recessed Pendent Sprinkler, 175F, 3.0 K-factor, White	3.1	5	\$69.20
LF74900WH	LF Recessed Pendent Sprinkler, 155F, 4.9 K-factor, White	4.9	5	\$69.20
LF74901WH*	LF Recessed Pendent Sprinkler, 175F, 4.9 K-factor, White	4.9	5	\$69.20

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

Recessed pendent sprinklers



Horizontal sidewall sprinklers thread onto Uponor's fire sprinkler adapter fittings. 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.
LF74300HW	LF Recessed Horizontal Sidewall Sprinkler, 155F, 4.2 K-factor, White	4.2	5	\$70.30
LF74301HW*	LF Recessed Horizontal Sidewall Sprinkler, 175F, 4.2 K-factor, White	4.2	5	\$70.30
LF74000HS	LF Flat Concealed Horizontal Sidewall Sprinkler, 165F, 4.0 K-factor	4.0	5	\$151.40

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

Horizontal sidewall sprinklers



Flat concealed horizontal sidewall sprinklers



Residential fire sprinkler systems

Sprinkler cabinets

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	\$86.85


Sprinkler accessories

Concealed flat cover plates



Concealed flat cover plates easily slide onto flat concealed sprinklers 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 to 140°F.

Note: Do not store cover plates in areas where the ambient temperature will exceed 100°F. Cover plates must be used with LF RC-RES concealed sprinklers and LF concealed horizontal sidewall sprinklers.

Part no.	Part description	Pkg. qty.	List price/ea.
Q70640HW*	Concealed Flat Cover Plate for HSW, White, (HSW style only)	5	\$45.40
 Q70749WH	Concealed Flat Cover Plate for 162F LF RC-RES Sprinkler, White, 3¼"	50	\$28.10

*HSW-style only

Residential fire sprinkler systems

Recessed escutcheons provide a finished appearance. They come complete with a tension collar and are available in white.

Part no.	Part description	Pkg. qty.	List price/ea.
Q71850LW	Two-piece Recessed Escutcheon for LF Recessed Pendent and LF Recessed HSW, White	5	\$9.70

Recessed escutcheons



Concealed sprinkler wrenches quickly and easily allow access to service concealed sprinklers.

Part no.	Part description	Pkg. qty.	List price/ea.
Q7500700	Sprinkler Socket for LF RC-RES Sprinklers, LF74970FC and LF74971FW	1	\$243.35
Q7500430	Sprinkler Wrench, LF Flat Concealed Horizontal Sidewall	1	\$190.35

Concealed sprinkler wrenches



Recessed sprinkler wrenches quickly and easily allow access to service LF recessed pendent and LF recessed horizontal sidewall sprinklers.

Part no.	Part description	Pkg. qty.	List price/ea.
Q7500400	Sprinkler Wrench, LF Recessed Pendent	1	\$259.55
Q7500410	Sprinkler Wrench, LF Recessed Horizontal Sidewall	1	\$292.00

Recessed sprinkler wrenches



Residential fire sprinkler systems

ProPEX fittings

ProPEX couplings

ProPEX EP and LF brass couplings make PEX-to-PEX connections.

Note: ProPEX tool is required. ProPEX rings sold separately. Listed to UL 1821.



Part no.	Part description	Pkg. qty.	List price/ea.
Q4775050	ProPEX EP Coupling, 1/2" PEX x 1/2" PEX	25	\$1.70
LF4545050	ProPEX LF Brass Coupling, 1/2" PEX x 1/2" PEX	25	\$6.65
Q4775075	ProPEX EP Coupling, 1/2" PEX x 3/4" PEX	25	\$3.55
Q4777575	ProPEX EP Coupling, 3/4" PEX x 3/4" PEX	25	\$2.15
LF4547575	ProPEX LF Brass Coupling, 3/4" PEX x 3/4" PEX	25	\$10.15
Q4777510	ProPEX EP Coupling, 3/4" PEX x 1" PEX	25	\$5.10
LF4547510	ProPEX LF Brass Coupling, 3/4" PEX x 1" PEX	10	\$15.65
Q4771010	ProPEX EP Coupling, 1" PEX x 1" PEX	10	\$3.35
LF4541010	ProPEX LF Brass Coupling, 1" PEX x 1" PEX	10	\$18.45
Q4771307	ProPEX EP Coupling, 1 1/4" PEX x 3/4" PEX	1	\$7.45
Q4771310	ProPEX EP Coupling, 1 1/4" PEX x 1" PEX	1	\$7.70
Q4771313	ProPEX EP Coupling, 1 1/4" PEX x 1 1/4" PEX	1	\$8.75

Residential fire sprinkler systems

ProPEX EP and LF brass elbows make tight 90-degree connections for Uponor AquaPEX tubing.

Note: ProPEX tool is required. ProPEX rings sold separately. Listed to UL 1821.

Part no.	Part description	Pkg. qty.	List price/ea.
Q4760500	ProPEX EP Elbow, 1/2" PEX x 1/2" PEX	25	\$2.10
Q4760750	ProPEX EP Elbow, 3/4" PEX x 3/4" PEX	25	\$2.60
LF4710750	ProPEX LF Brass Elbow, 3/4" PEX x 3/4" PEX	25	\$13.00
Q4761000	ProPEX EP Elbow, 1" PEX x 1" PEX	10	\$5.35
LF4711000	ProPEX LF Brass Elbow, 1" PEX x 1" PEX	10	\$20.90
Q4761250	ProPEX EP Elbow, 1 1/4" PEX x 1 1/4" PEX	1	\$13.25

ProPEX elbows



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. Listed to UL 1821.

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	\$2.10
LF4705050	ProPEX LF Brass Tee, 1/2" PEX x 1/2" PEX x 1/2" PEX	25	\$11.20
Q4757575	ProPEX EP Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX	25	\$3.35
LF4707575	ProPEX LF Brass Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX	25	\$18.20
Q4751010	ProPEX EP Tee, 1" PEX x 1" PEX x 1" PEX	10	\$6.05
LF4701010	ProPEX LF Brass Tee, 1" PEX x 1" PEX x 1" PEX	10	\$33.65
Q4751313	ProPEX EP Tee, 1 1/4" PEX x 1 1/4" PEX x 1 1/4" PEX	1	\$15.10

ProPEX tees



Residential fire sprinkler systems

ProPEX reducing tees



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. Listed to UL 1821.

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	\$8.05
Q4757555	ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 1/2" PEX	25	\$3.20
Q4757557	ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 3/4" PEX	25	\$3.20
Q4757550	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX	25	\$2.70
LF4707550	ProPEX LF Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX	25	\$18.20
Q4757710	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	10	\$12.00
LF4707710	ProPEX LF Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	10	\$29.35
Q4751775	ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	10	\$5.30
LF4701775	ProPEX LF Brass Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	10	\$33.65
Q4751751	ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	10	\$6.40
LF4701751	ProPEX LF Brass Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	10	\$33.65
Q4751150	ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	10	\$5.55
LF4701150	ProPEX LF Brass Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	10	\$33.65
Q4751175	ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	10	\$6.15
LF4701175	ProPEX LF Brass Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	10	\$33.65
Q4751317	ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 3/4" PEX	1	\$11.95
Q4751311	ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 1" PEX	1	\$13.95
Q4751350	ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 1/2" PEX	1	\$10.60
Q4751337	ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 3/4" PEX	1	\$14.05
Q4751331	ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 1" PEX	1	\$14.45

Residential fire sprinkler systems

EP flow-through multi-port tees feature 3/4" or 1" ProPEX inlets with 1/2" ProPEX branch outlets. The tees are 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	\$8.70
Q2237557	EP Flow-through Multi-port Tee, 3 outlets, 3/4" x 3/4" ProPEX	10	\$11.85
Q2231057	EP Flow-through Multi-port Tee, 3 outlets, 1" x 3/4" ProPEX	10	\$29.40
Q2247557	EP Flow-through Multi-port Tee, 4 outlets, 3/4" x 3/4" ProPEX	10	\$14.80
Q2241057	EP Flow-through Multi-port Tee, 4 outlets, 1" x 3/4" ProPEX	10	\$33.65
Q2241051	EP Flow-through Multi-port Tee, 4 outlets, 1" x 1" ProPEX	10	\$33.65
Q2267557	EP Flow-through Multi-port Tee, 6 outlets, 3/4" x 3/4" ProPEX	10	\$17.85
Q2261057	EP Flow-through Multi-port Tee, 6 outlets, 1" x 3/4" ProPEX	10	\$44.05
Q2261051	EP Flow-through Multi-port Tee, 6 outlets, 1" x 1" ProPEX	10	\$44.05

EP flow-through multi-port tees



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

Note: ProPEX tool is required. ProPEX rings sold separately. Listed to UL 1821.

Part no.	Part description	Pkg. qty.	List price/ea.
Q4350500	ProPEX EP Plug for 1/2" PEX	25	\$1.30
Q4350750	ProPEX EP Plug for 3/4" PEX	25	\$2.05
Q4351000	ProPEX EP Plug for 1" PEX	10	\$2.70
Q4351250	ProPEX EP Plug for 1 1/4" PEX	1	\$14.90

ProPEX EP plugs



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. Listed to UL 1821.

Part no.	Part description	Pkg. qty.	List price/ea.
LF4527575	ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$10.55
LF4521010	ProPEX LF Brass Male Threaded Adapter, 1" PEX x 1" NPT	10	\$21.80
LF4521313	ProPEX LF Brass Male Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	1	\$50.75

ProPEX LF brass male threaded adapters



Residential fire sprinkler systems

ProPEX LF brass female threaded adapters

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. Listed to UL 1821.



Part no.	Part description	Pkg. qty.	List price/ea.
LF4577575	ProPEX LF Brass Female Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$13.05
LF4571010	ProPEX LF Brass Female Threaded Adapter, 1" PEX x 1" NPT	10	\$28.35
LF4571313	ProPEX LF Brass Female Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	1	\$51.95

ProPEX LF brass sweat adapters

ProPEX LF brass sweat adapters transition Uponor AquaPEX tubing to copper pipe.

Note: ProPEX tool is required. ProPEX rings sold separately. Listed to UL 1821.



Part no.	Part description	Pkg. qty.	List price/ea.
LF4517575	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 3/4" Copper	25	\$9.30
LF4511010	ProPEX LF Brass Sweat Adapter, 1" PEX x 1" Copper	10	\$15.50
LF4511313	ProPEX LF Brass Sweat Adapter, 1 1/4" PEX x 1 1/4" Copper	1	\$42.40

Residential fire sprinkler systems

Tools and accessories



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

- Tube uncoilers: **page 137**
- Tube cutters: **page 137-138**
- Fitting handling: **page 138**
- ProPEX tools and accessories: **pages 139-140**
- MLC press fitting tools and accessories: **pages 141-142**
- Other tools: **page 142**
- Tubing supports: **pages 143-144**
- Fasteners, fastener tools and protectors: **pages 145-148**

Residential fire sprinkler systems

Residential fire sprinkler systems



Aloft Tulsa Downtown Hotel Tulsa, OK

Project highlights:

- 1960s historical building renovation
- Uponor PEX plumbing system
- Wirsbo hePEX hydronic distribution
- Installing contractor: Palmer Mechanical, Tulsa

Project details:

- 19,000 ft. of Uponor AquaPEX pipe sized from ½" to 2"
- 20,000 ft. of Wirsbo hePEX pipe sized from ½" to 2"
- ProPEX EP fittings
- Milwaukee ProPEX expansion tools

To learn more about this case study,
visit uponorpro.com/casestudies.

Radiant and hydronic piping systems

Radiant and hydronic piping systems

Uponor systems for residential and commercial applications are fast, easy and economical.

Residential



Residential radiant heating

- **Comfortable:** Provides consistent, even heat throughout the home.
- **Economical:** Reduces energy consumption resulting in lower utility bills.
- **Reliable:** Proven with four decades of superior performance and backed by a 25-year limited warranty when installed by a licensed, Uponor-trained professional.

Residential hydronic piping

- **Durable:** Resists pitting, scaling and corrosion resulting in extended hydronic system life.
- **Proven:** More than 40 years of reliable service with over 15 billion feet of pipe installed worldwide.
- **Guaranteed:** Backed by a 25-year limited warranty when installed by a licensed, Uponor-trained professional.

Commercial



Commercial radiant heating and cooling

- **Efficiency:** Low-temperature heating and high-temperature cooling increases system efficiency while using a fraction of the energy.
- **Sustainability:** Innovative green building practices consume less energy while reducing the negative impacts on the environment.
- **Productivity:** Consistent, comfortable work environments promote greater productivity.

Commercial hydronic piping

- **Competitive:** Provide faster installation methods with lower-cost materials.
- **Durable:** Resists pitting, scaling, and corrosion resulting in extended hydronic system life.
- **Engineered:** Most tested, trusted, listed and code-approved PEX for commercial applications.

To learn more, visit our virtual city at uponor-usa.com.

Radiant and hydronic piping systems

Hydronic piping with Uponor PEX

Using Wirsbo hePEX for chilled water and heating hot water is a very durable, cost-effective solution for transporting water to HVAC terminal units such as fan-coil units, VAVs, AHUs, unit heaters, radiant manifolds and much more.

Economical alternative to metal pipe

- Lower material costs and easier to install versus traditional copper piping systems
- Increased life expectancy versus metallic piping
- Reduced liability and callbacks including a 25-year system warranty
- Plenum rated with similar hanger spacing requirements compared to copper

Visit uponorengineering.com to learn more.



- Submittal packages
- CAD details
- Case studies
- Product BIM data
- Codes and standards
- Pipe sizing calculator

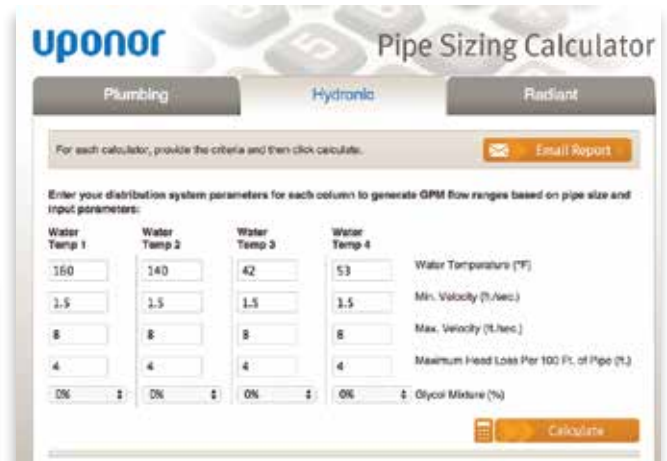
Uponor pipe sizing calculator

Use Uponor's pipe sizing calculator to accurately size PEX distribution piping for hydronic, radiant loops and PEX-based plumbing systems.

Key features

- Creates gpm range by pipe size for hydronic piping systems
- Enter fitting data with pipe length for line loss
- Quick head-loss tool for radiant loops
- Based on Darcy-Wiesbach and Fitting C_v methodology
- Less than 1% error from NSF test data

Pipe Size	GPM Range	Velocity (ft/sec.)	Feet of Head per 100-FT. of Tubing
5/8"	Out of Range	Out of Range	Out of Range
3/8"	0.48 - 0.48	1.50 - 1.50	3.71 - 4.00
1/2"	0.65 - 1.16	1.50 - 2.03	2.53 - 4.00
3/4"	1.21 - 1.88	1.50 - 2.30	1.88 - 4.00
1"	1.60 - 2.76	1.50 - 2.50	1.64 - 4.00
1 1/4"	2.73 - 5.48	1.50 - 3.00	1.26 - 4.00
1 1/2"	4.06 - 8.25	1.50 - 3.43	0.94 - 4.00
2"	5.93 - 14.76	1.50 - 3.90	0.76 - 4.00
2 1/2"	8.75 - 28.89	1.50 - 4.63	0.55 - 4.00
3"	14.80 - 52.48	1.50 - 5.30	0.42 - 4.00
4"	21.12 - 80.08	1.50 - 5.90	0.34 - 4.00
6"	38.85 - 133.34	1.50 - 6.50	0.29 - 4.00
8"	56.85 - 174.57	1.50 - 7.10	0.24 - 4.00



uponorengineering.com/calculator

Radiant and hydronic piping systems

Barrier tubing

Wirsbo hePEX coils



Wirsbo hePEX features an oxygen barrier that conforms to DIN 4726 for use in closed-loop hydronic piping and radiant heating and cooling applications. The tubing is rated and listed by the Hydrostatic Stress Board of PPI at 200°F at 80psi, 180°F at 100psi and 73.4°F at 160psi. It is compatible with Uponor ProPEX and QS-style fittings and is manufactured in full compliance to ASTM F876 and F877. It is also listed to NSF 61 for potable-water applications.

Part no.	Part description	Coils/pallet	List price/ea.
A1140313	5/16" Wirsbo hePEX, 100-ft. coil	30	\$117.35
A1180313	5/16" Wirsbo hePEX, 250-ft. coil	40	\$293.35
A1220313	5/16" Wirsbo hePEX, 1,000-ft. coil	12	\$1,173.05
A1140375	3/8" Wirsbo hePEX, 100-ft. coil	28	\$127.55
A1210375	3/8" Wirsbo hePEX, 400-ft. coil	18	\$510.30
A1220375	3/8" Wirsbo hePEX, 1,000-ft. coil	12	\$1,275.65
A1140500	1/2" Wirsbo hePEX, 100-ft. coil	22	\$117.50
A1250500	1/2" Wirsbo hePEX, 300-ft. coil	18	\$352.40
A1260500	1/2" Wirsbo hePEX, 500-ft. coil	12	\$587.30
A1220500	1/2" Wirsbo hePEX, 1,000-ft. coil	8	\$1,174.55
A1140625	5/8" Wirsbo hePEX, 100-ft. coil	15	\$157.60
A1250625	5/8" Wirsbo hePEX, 300-ft. coil	12	\$472.70
A1210625	5/8" Wirsbo hePEX, 400-ft. coil	12	\$630.45
A1220625	5/8" Wirsbo hePEX, 1,000-ft. coil	5	\$1,575.65
A1140750	3/4" Wirsbo hePEX, 100-ft. coil	22	\$194.55
A1250750	3/4" Wirsbo hePEX, 300-ft. coil	12	\$583.60
A1240750	3/4" Wirsbo hePEX, 500-ft. coil	8	\$972.70
A1220750	3/4" Wirsbo hePEX, 1,000-ft. coil	3	\$1,945.65
A1141000	1" Wirsbo hePEX, 100-ft. coil	12	\$328.15
A1251000	1" Wirsbo hePEX, 300-ft. coil	5	\$984.60
A1241000	1" Wirsbo hePEX, 500-ft. coil	6	\$1,640.90
A1141250	1 1/4" Wirsbo hePEX, 100-ft. coil	7	\$556.80
A1251250	1 1/4" Wirsbo hePEX, 300-ft. coil	2	\$1,670.35
A1141500	1 1/2" Wirsbo hePEX, 100-ft. coil	7	\$738.85
A1251500	1 1/2" Wirsbo hePEX, 300-ft. coil	2	\$2,216.55
A1142000	2" Wirsbo hePEX, 100-ft. coil	5	\$1,155.90
A1252000	2" Wirsbo hePEX, 300-ft. coil	2	\$3,467.80
A1142500	2 1/2" Wirsbo hePEX, 100-ft. coil	1	\$1,515.60
A1252500	2 1/2" Wirsbo hePEX, 300-ft. coil	1	\$4,546.70
A1143000	3" Wirsbo hePEX, 100-ft. coil	1	\$2,066.70
A1253000	3" Wirsbo hePEX, 300-ft. coil	1	\$6,200.10
A1143500	3 1/2" Wirsbo hePEX, 100-ft. coil	1	\$2,743.35
A1144000	4" Wirsbo hePEX, 100-ft. coil	1	\$3,468.75

Note: Other non-standard lengths are available on a made-to-order basis. Allow six weeks for delivery. Call Uponor Customer Service at 888.594.7726 for availability and pricing. Wirsbo hePEX 3 1/2" and 4" tubing uses WIPEX™ fittings. See **page 129** for a listing of WIPEX fittings.

Radiant and hydronic piping systems

Part no.	Part description	List price/ea.
A1930500	½" Wirsbo hePEX, 20-ft. straight length, 500 ft. (25 per bundle)	\$587.30
A1930625	⅝" Wirsbo hePEX, 20-ft. straight length, 300 ft. (15 per bundle)	\$472.70
A1930750	¾" Wirsbo hePEX, 20-ft. straight length, 300 ft. (15 per bundle)	\$583.60
A1921000	1" Wirsbo hePEX, 20-ft. straight length, 200 ft. (10 per bundle)	\$656.30
A1921250	1¼" Wirsbo hePEX, 20-ft. straight length, 100 ft. (5 per bundle)	\$556.80
A1921500	1½" Wirsbo hePEX, 20-ft. straight length, 100 ft. (5 per bundle)	\$738.85
A1922000	2" Wirsbo hePEX, 20-ft. straight length, 100 ft. (5 per bundle)	\$1,155.90
A1912500	2½" Wirsbo hePEX, 10-ft. straight lengths, 30 ft. (3 per bundle)	\$477.55
A1922500	2½" Wirsbo hePEX 20-ft. straight length, 60-ft.(3 per bundle)	\$909.60
A1913000	3" Wirsbo hePEX, 10-ft. straight lengths, 30 ft. (3 per bundle)	\$651.10
A1923000	3" Wirsbo hePEX 20-ft. straight length, 40-ft.(2 per bundle)	\$826.80
A1913500	3½" Wirsbo hePEX, 10-ft. straight lengths, 30 ft. (3 per bundle)	\$864.15
A1923500	3½" Wirsbo hePEX, 20-ft. straight length, 40-ft. (2 per bundle)	\$1,097.35
A1914000	4" Wirsbo hePEX, 10-ft. straight lengths, 20 ft. (2 per bundle)	\$728.45
A1924000	4" Wirsbo hePEX, 20-ft. straight length, 20-ft. (1 per bundle)	\$693.75

Wirsbo hePEX straight lengths



Note: Wirsbo hePEX 3½" and 4" tubing uses WIPEX fittings. See **page 129** for a listing of WIPEX fittings.

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". Tubing is rated and listed by the Hydrostatic Stress Board of PPI at 200°F at 100psi, 180°F at 125psi, 140°F at 160psi, and 73°F at 200psi.

Multi-layer composite (MLC) coils



Note: See **pages 114-117** for a full listing of MLC press fittings.

Note: Use MLC press tools and chamfering tools with MLC tubing. See **pages 141-142** for a listing of tool options.

Note: MLC tubing is not for potable applications.

Part no.	Part description	Coils/pallet	List price/ea.
D1250500	½" MLC Tubing, 300-ft. coil	20	\$452.80
D1220500	½" MLC Tubing, 1,000-ft. coil	8	\$1,509.10
D1250625	⅝" MLC Tubing, 300-ft. coil	13	\$573.25
D1220625	⅝" MLC Tubing, 1,000-ft. coil	7	\$1,910.85
D1140750	¾" MLC Tubing, 100-ft. coil	14	\$277.45
D1250750	¾" MLC Tubing, 300-ft. coil	8	\$832.25
D1240750	¾" MLC Tubing, 500-ft. coil	6	\$1,387.00
D1141000	1" MLC Tubing, 100-ft. coil	10	\$422.45
D1251000	1" MLC Tubing, 300-ft. coil	6	\$1,267.90

Radiant and hydronic piping systems

Radiant Rollout™ Mats



Radiant Rollout™ Mats provide a fast, efficient and consistent method for installing radiant heating and cooling systems in large commercial areas — reducing required manifold ports by more than 60%, reducing wire ties and staples by up to 30%, and improving installation time by up to 85%, 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. In addition, the reverse-return header option in the mats offers material savings on manifolds and other ancillary installation components.

Note: Because the Radiant Rollout Mat is a custom-made product, contact Uponor Technical Services at 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 four to eight weeks. Mats ship F.O.B. destination. General terms and conditions apply.

Radiant Rollout Mat options	
Length	Customizable from 40' to 220'
Width	4½' with 9" on-center spacing with or without in-slab manifold 5' with 6" on-center spacing with or without in-slab manifold 6' with 12" on-center spacing with or without in-slab manifold
Tubing	½" Wirsbo hePEX (oxygen barrier) ⅝" Wirsbo hePEX (oxygen barrier)
Fittings	EP fittings (with in-slab, ¼" reverse-return header only)
Pre-pressurization	20psi; pressurized at the factory with in-slab, ¼" reverse-return header
Distribution flow options	In-slab, ¼" 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.
M2306060000	½" Wirsbo hePEX Radiant Rollout Mat (6" o.c.), 5 loop	1	Call for pricing
M2309054000	½" Wirsbo hePEX Radiant Rollout Mat (9" o.c.), 3 loop	1	Call for pricing
M2312072000	½" Wirsbo hePEX Radiant Rollout Mat (12" o.c.), 3 loop	1	Call for pricing
M2406060000	⅝" Wirsbo hePEX Radiant Rollout Mat (6" o.c.), 5 loop	1	Call for pricing
M2409054000	⅝" Wirsbo hePEX Radiant Rollout Mat (9" o.c.), 3 loop	1	Call for pricing
M2412072000	⅝" Wirsbo hePEX Radiant Rollout Mat (12" o.c.), 3 loop	1	Call for pricing

Radiant and hydronic piping systems

Non-barrier tubing

Uponor AquaPEX white 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 white 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", ¾", 1" and 1¼" only) 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 F876-15a, 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 white coils



Part no.	Part description	Coils/pallet	List price/ea.
F1040250	¼" Uponor AquaPEX White, 100-ft. coil	50	\$63.55
F1090375	¾" Uponor AquaPEX White, 400-ft. coil	18	\$259.70
F1120375	¾" Uponor AquaPEX White, 1,000-ft. coil	12	\$649.20
F1040500	½" Uponor AquaPEX White, 100-ft. coil	22	\$73.50
F1060500	½" Uponor AquaPEX White, 300-ft. coil	18	\$220.40
F1100500	½" Uponor AquaPEX White, 500-ft. coil	12	\$367.45
F1120500	½" Uponor AquaPEX White, 1,000-ft. coil	8	\$734.80
F1060625	⅝" Uponor AquaPEX White, 300-ft. coil	12	\$329.50
F1120625	⅝" Uponor AquaPEX White, 1,000-ft. coil	5	\$1,098.35
F1040750	¾" Uponor AquaPEX White, 100-ft. coil	22	\$126.00
F1060750	¾" Uponor AquaPEX White, 300-ft. coil	9	\$377.85
F1100750	¾" Uponor AquaPEX White, 500-ft. coil	8	\$629.80
F1041000	1" Uponor AquaPEX White, 100-ft. coil	12	\$226.95
F1061000	1" Uponor AquaPEX White, 300-ft. coil	5	\$681.00
F1101000	1" Uponor AquaPEX White, 500-ft. coil	6	\$1,135.05
F1061250	1¼" Uponor AquaPEX White, 100-ft. coil	7	\$478.60
F1021250	1¼" Uponor AquaPEX White, 300-ft. coil	2	\$1,435.55
F1061500	1½" Uponor AquaPEX White, 100-ft. coil	7	\$563.55
F1021500	1½" Uponor AquaPEX White, 300-ft. coil	2	\$1,690.60
F1062000	2" Uponor AquaPEX White, 100-ft. coil	5	\$1,125.30
F1052000	2" Uponor AquaPEX White, 200-ft. coil	3	\$2,250.60
F1022000	2" Uponor AquaPEX White, 300-ft. coil	2	\$3,375.95
F1062500	2½" Uponor AquaPEX White, 100-ft. coil	1	\$1,472.15
F1022500	2½" Uponor AquaPEX White, 300-ft. coil	1	\$4,416.50
F1063000	3" Uponor AquaPEX White, 100-ft. coil	1	\$1,998.75
F1023000	3" Uponor AquaPEX White, 300-ft. coil	1	\$5,996.35

Radiant and hydronic piping systems

Uponor AquaPEX white straight lengths



Part no.	Part description	Bags/bulk bag	List price/ea.
F1930500	½" Uponor AquaPEX White, 20-ft. straight length, 500 ft. (25 per bundle)	25	\$367.35
F1930750	¾" Uponor AquaPEX White, 20-ft. straight length, 300 ft. (15 per bundle)	20	\$377.85
F1921000	1" Uponor AquaPEX White, 20-ft. straight length, 200 ft. (10 per bundle)	15	\$454.05
F1921250	1¼" Uponor AquaPEX White, 20-ft. straight length, 100 ft. (5 per bundle)	20	\$478.60
F1921500	1½" Uponor AquaPEX White, 20-ft. straight length, 100 ft. (5 per bundle)	20	\$563.55
F1922000	2" Uponor AquaPEX White, 20-ft. straight length, 100 ft. (5 per bundle)	10	\$1,125.30
F1912500	2½" Uponor AquaPEX White, 10-ft. straight lengths, 30 ft. (3 per bundle)	8	\$463.75
F1922500	2½" Uponor AquaPEX White, 20-ft. straight lengths, 60 ft. (3 per bundle)	8	\$883.30
F1913000	3" Uponor AquaPEX White, 10-ft. straight lengths, 30 ft. (3 per bundle)	10	\$629.60
F1923000	3" Uponor AquaPEX White, 20-ft. straight length, 40 ft. (2 per bundle)	10	\$799.50

PEX-a pipe supports

PEX-a pipe supports



PEX-a pipe supports are available in ½" to 3½" sizes for suspended piping applications in commercial plumbing and hydronic piping systems, enabling hanger spacing similar to that of copper. Each package quantity contains 15 support straps (i.e., three support straps per 9-ft. length).

Part no.	Part description	Pkg. qty.	List price/ea.
F7040500	½" PEX-a Pipe Support, 9-ft. Length	5	\$12.20
F7040750	¾" PEX-a Pipe Support, 9-ft. Length	5	\$13.70
F7041000	1" PEX-a Pipe Support, 9-ft. Length	5	\$14.20
F7041250	1¼" PEX-a Pipe Support, 9-ft. Length	5	\$18.25
F7041500	1½" PEX-a Pipe Support, 9-ft. Length	5	\$20.15
F7042000	2" PEX-a Pipe Support, 9-ft. Length	5	\$23.30
F7042500	2½" PEX-a Pipe Support, 9-ft. Length	5	\$38.00
F7043000	3" PEX-a Pipe Support, 9-ft. Length	5	\$40.00
F7043500	3½" PEX-a Pipe Support, 9-ft. Length	5	\$48.80
Q7410510	PEX-a Pipe Support Strapping for ½", ¾" and 1" PEX	100	\$1.15
Q7411220	PEX-a Pipe Support Strapping for 1¼", 1½" and 2" PEX	100	\$2.00
Q7412540	PEX-a Pipe Support Strapping for 2½", 3", 3½" PEX	100	\$3.35

Price reduced

Radiant and hydronic piping systems

Manifold wall cabinets

The recessed-style manifold wall cabinets feature a removable door-trim package and are adjustable to accommodate stainless-steel, brass or EP manifolds mounted in either a 2x4 or 2x6 stud wall. Mount an Uponor zone control module or wireless zoning base unit 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. The adjustable door will cover the additional space surrounding the cabinet.

Manifold wall cabinets



Part no.	Part description	Pkg. qty.	List price/ea.
A2603524	Manifold Wall Cabinet, 35.5" H x 24" W x 3.5" D	1	\$377.75
A2603530	Manifold Wall Cabinet, 35.5" H x 30.5" W x 3.5" D	1	\$419.50
A2603539	Manifold Wall Cabinet, 35.5" H x 39" W x 3.5" D	1	\$452.00

TruFLOW Classic and Jr. with adapter only ¹	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 ²	A2603524	A2603530	A2603539
2 to 5 loops	X		
6 to 8 loops		X	
10 to 12 loops			X

1" stainless-steel manifolds ⁶	A2603524	A2603530	A2603539
2 to 5 loops	X		
6 to 8 loops		X	
10 to 12 loops			X

1¼" stainless-steel manifolds ⁶	A2603524	A2603530	A2603539
2 to 5 loops	X		
6 to 8 loops		X	
10 to 12 loops			X

EP heating manifolds ^{1, 5, 6}	A2603524 A2603588	A2603530 A2603588	A2603539 A2603588
2 to 6 loops	X		
7 to 10 loops		X	
11 to 12 loops			X

EP heating manifolds with EP elbows or TruFLOW ball valves ^{3, 4, 5, 6}	A2603524 A2603588	A2603530 A2603588	A2603539 A2603588
2 to 4 loops	X		
5 to 7 loops		X	
8 to 12 loops ⁵			X

¹ 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.


² 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.

³ 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.

⁴ Manifold supply and return ball valves (A2631250) cannot be used in conjunction with EP manifolds inside the manifold wall cabinets.

⁵ When installing EP heating manifolds 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.

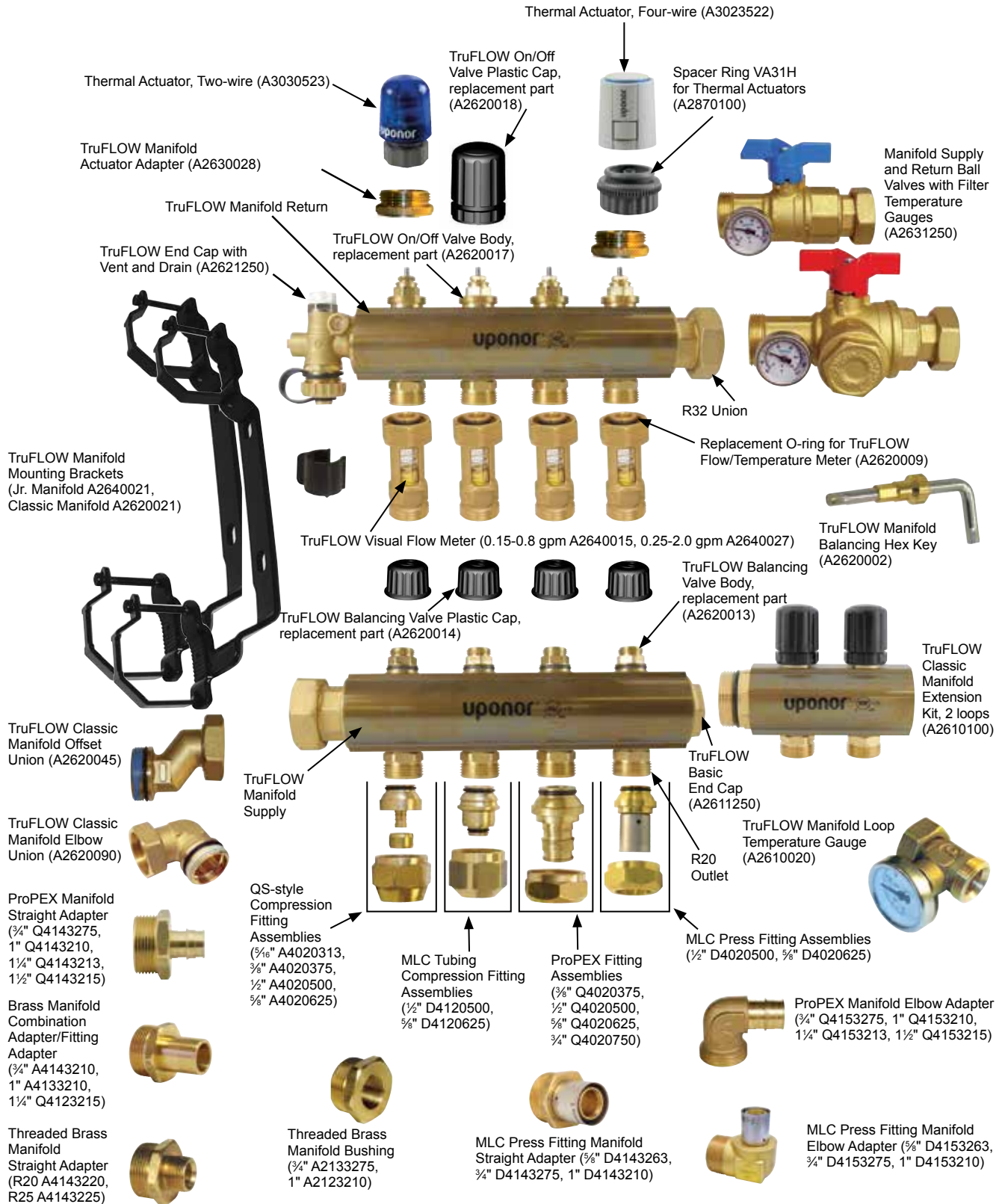
⁶ When installing stainless-steel manifolds with 10 to 12 loops, note the mounting bracket spacing must be adjusted for proper fit on the cabinet rail.

 Price reduced

Radiant and hydronic piping systems

TruFLOW™ Classic and Jr. manifolds exploded view

Radiant and hydronic piping systems



Radiant and hydronic piping systems

TruFLOW manifold assemblies

TruFLOW Jr. assemblies with balancing valves and valveless manifolds come 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).

TruFLOW Jr. assemblies with balancing valves and valveless manifolds

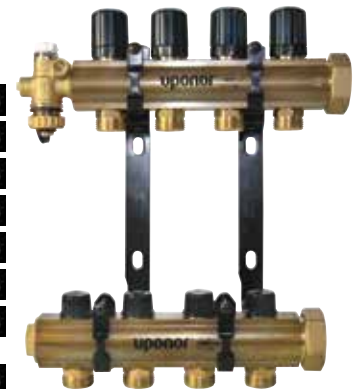
Part no.	Part description	Dim. (body-outlets-body)	Pkg. qty.	List price/ea.	
A2660200	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 2-loop	R32-R20-R32	1	\$264.95	\$
A2660300	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 3-loop	R32-R20-R32	1	\$322.35	\$
A2660400	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 4-loop	R32-R20-R32	1	\$383.50	\$
A2660500	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 5-loop	R32-R20-R32	1	\$492.45	\$
A2660600	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 6-loop	R32-R20-R32	1	\$549.85	\$
A2660700	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 7-loop	R32-R20-R32	1	\$629.90	\$
A2660800	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 8-loop	R32-R20-R32	1	\$668.45	\$




TruFLOW manifold assemblies with balancing and isolation valves come fully assembled and ready for installation. The assemblies are 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 (1¼" barrel diameter).

TruFLOW Jr. and Classic assemblies with balancing and isolation valves

Part no.	Part description	Dim. (body-outlets)	Pkg. qty.	List price/ea.	
A2660201	TruFLOW Jr. Assembly, B&I, 2-loop	R32-R20	1	\$337.60	\$
A2660301	TruFLOW Jr. Assembly, B&I, 3-loop	R32-R20	1	\$416.60	\$
A2660401	TruFLOW Jr. Assembly, B&I, 4-loop	R32-R20	1	\$488.65	\$
A2660501	TruFLOW Jr. Assembly, B&I, 5-loop	R32-R20	1	\$627.45	\$
A2660601	TruFLOW Jr. Assembly, B&I, 6-loop	R32-R20	1	\$700.70	\$
A2660701	TruFLOW Jr. Assembly, B&I, 7-loop	R32-R20	1	\$776.30	\$
A2660801	TruFLOW Jr. Assembly, B&I, 8-loop	R32-R20	1	\$876.15	\$
A2610200	TruFLOW Classic Assembly, B&I, 2-loop	R32-R20	1	\$379.35	\$
A2610300	TruFLOW Classic Assembly, B&I, 3-loop	R32-R20	1	\$471.55	\$
A2610400	TruFLOW Classic Assembly, B&I, 4-loop	R32-R20	1	\$563.75	\$
A2610500	TruFLOW Classic Assembly, B&I, 5-loop	R32-R20	1	\$680.85	\$
A2610600	TruFLOW Classic Assembly, B&I, 6-loop	R32-R20	1	\$773.20	\$
A2610700	TruFLOW Classic Assembly, B&I, 7-loop	R32-R20	1	\$865.60	\$
A2610800	TruFLOW Classic Assembly, B&I, 8-loop	R32-R20	1	\$993.25	\$
A2611000	TruFLOW Classic Assembly, B&I, 10-loop	R32-R20	1	\$1,226.80	\$
A2611200	TruFLOW Classic Assembly, B&I, 12-loop	R32-R20	1	\$1,402.35	\$



 Price reduced

Radiant and hydronic piping systems

TruFLOW Jr. modular manifolds

TruFLOW Jr. supply manifolds with balancing valves



TruFLOW Jr. supply manifolds with balancing valves are used in conjunction with either the TruFLOW Jr. modular manifolds with isolation valves or the TruFLOW Jr. modular valveless manifolds to complete the manifold set. The TruFLOW Jr. supply manifolds with balancing valves allow manual flow balancing of the individual loops on the manifolds. 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	Dim. (body-outlets-body)	Pkg. qty.	List price/ea.
A2663212	TruFLOW Jr. Manifold Balancing Valves, 2-loop	R32-R20-R32	1	\$120.00
A2663213	TruFLOW Jr. Manifold Balancing Valves, 3-loop	R32-R20-R32	1	\$145.80
A2663214	TruFLOW Jr. Manifold Balancing Valves, 4-loop	R32-R20-R32	1	\$174.45

TruFLOW Jr. return manifolds with isolation valves



TruFLOW Jr. return manifolds with isolation valves are used with either the TruFLOW Jr. modular manifolds with balancing valves or the TruFLOW Jr. modular valveless manifolds to complete the manifold set. The TruFLOW Jr. return manifolds with isolation valves allow 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	Dim. (body-outlets-body)	Pkg. qty.	List price/ea.
A2663222	TruFLOW Jr. Isolation Valves, 2-loop	R32-R20-R32	1	\$135.35
A2663223	TruFLOW Jr. Isolation Valves, 3-loop	R32-R20-R32	1	\$178.10
A2663224	TruFLOW Jr. Isolation Valves, 4-loop	R32-R20-R32	1	\$220.90

TruFLOW Jr. valveless manifolds



TruFLOW Jr. valveless manifolds are used with either the TruFLOW Jr. return manifolds with isolation valves or the TruFLOW Jr. supply manifolds with balancing valves to complete the manifold set. TruFLOW Jr. valveless manifolds do 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	Dim. (body-outlets-body)	Pkg. qty.	List price/ea.
A2663202	TruFLOW Jr. Valveless, 2-loop	R32-R20-R32	1	\$83.10
A2663203	TruFLOW Jr. Valveless, 3-loop	R32-R20-R32	1	\$102.75
A2663204	TruFLOW Jr. Valveless, 4-loop	R32-R20-R32	1	\$111.25

Radiant and hydronic piping systems

TruFLOW manifold accessories

TruFLOW manifold mounting brackets are used to mount TruFLOW Classic and TruFLOW Jr. 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.
A2620021	TruFLOW Classic Manifold Mounting Bracket, single bracket replacement part	10	\$48.10
A2640021	TruFLOW Jr. Manifold Mounting Bracket, single bracket replacement part	10	\$29.30

TruFLOW manifold mounting brackets



TruFLOW support brackets come in a set of two and facilitate mounting of TruFLOW Jr. and TruFLOW Classic manifolds between wall studs. The brackets mount in the following 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	\$64.20

TruFLOW support brackets



End caps with vent close the end of TruFLOW Jr. manifolds. They come complete with a swivel drain valve and a manual air vent. Required gasket (A2403232) is included.

Part no.	Part description	Pkg. qty.	List price/ea.
A2803250	End Cap with Vent, R32	1	\$89.40

End caps with vent



Basic end caps close the end of TruFLOW Jr. manifolds. Required gaskets are included.

Part no.	Part description	Pkg. qty.	List price/ea.
A2080032	Basic End Cap, R32	10	\$19.70
A2400032	Basic End Cap Gasket, spare part, R32	10	\$3.60

Basic end caps



Manifold supply and return ball valves are full-flow, 1/4" ball valves with R32 male by R32 union nut that fits directly on the TruFLOW Jr., Classic and EP manifolds.

Part no.	Part description	Pkg. qty.	List price/ea.
A2631250	Manifold Supply and Return Ball Valves with Filter and Temperature Gauge, set of 2	1	\$259.55
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

Manifold supply and return ball valves



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 149-178 for a listing of alternative part numbers.

Radiant and hydronic piping systems

TruFLOW manifold coupling nipples



TruFLOW manifold coupling nipples feature male BSP thread on both ends and are 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	\$22.85

TruFLOW Classic manifold elbow unions



TruFLOW Classic manifold elbow unions feature an R32 union by 1/4" BSP male connection. They are 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	\$28.40

TruFLOW Classic manifold offset unions



The TruFLOW Classic manifold offset unions feature an R32 union by 1/4" BSP male connection. They are 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	\$30.40

TruFLOW Classic manifold extension kits



The TruFLOW Classic manifold extension kits are 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	\$375.60

TruFLOW manifold actuator adapters



TruFLOW manifold actuator adapters and spacer rings convert the manifold actuator threads to fit Uponor thermal actuators (A3023522). The brass adapter is included with the TruFLOW manifolds (Jr. and Classic). The spacer ring is included in the actuator packaging.

Note: Use only with TruFLOW Jr. and Classic manifolds.

Part no.	Part description	Pkg. qty.	List price/ea.
A2630028	TruFLOW Manifold Actuator Adapter, replacement part	10	\$2.50
A2870100	Spacer Ring VA31H for Thermal Actuators	10	\$7.10

Radiant and hydronic piping systems

Hex keys are 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 keys

Part no.	Part description	Pkg. qty.	List price/ea.
A2620002	TruFLOW Manifold Balancing Hex Key, replacement part	10	\$5.40



Use TruFLOW visual flow meters on TruFLOW Jr. and TruFLOW Classic manifolds to accurately measure the flow of hydronic radiant loops.

TruFLOW visual flow meters

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	\$43.00
A2640027	TruFLOW Visual Flow Meter, 0.25 to 2.0 gpm	10	\$43.00
A2620009	Replacement O-ring for TruFLOW Flow/Temperature Meter	10	\$0.55



TruFLOW manifold loop temperature gauges come 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 gauges

Part no.	Part description	Pkg. qty.	List price/ea.
A2610020	TruFLOW Manifold Loop Temperature Gauge	10	\$47.50
A2610120	Temperature Gauge with Well, replacement part	10	\$30.05



Use replacement gaskets and O-rings on TruFLOW manifolds.

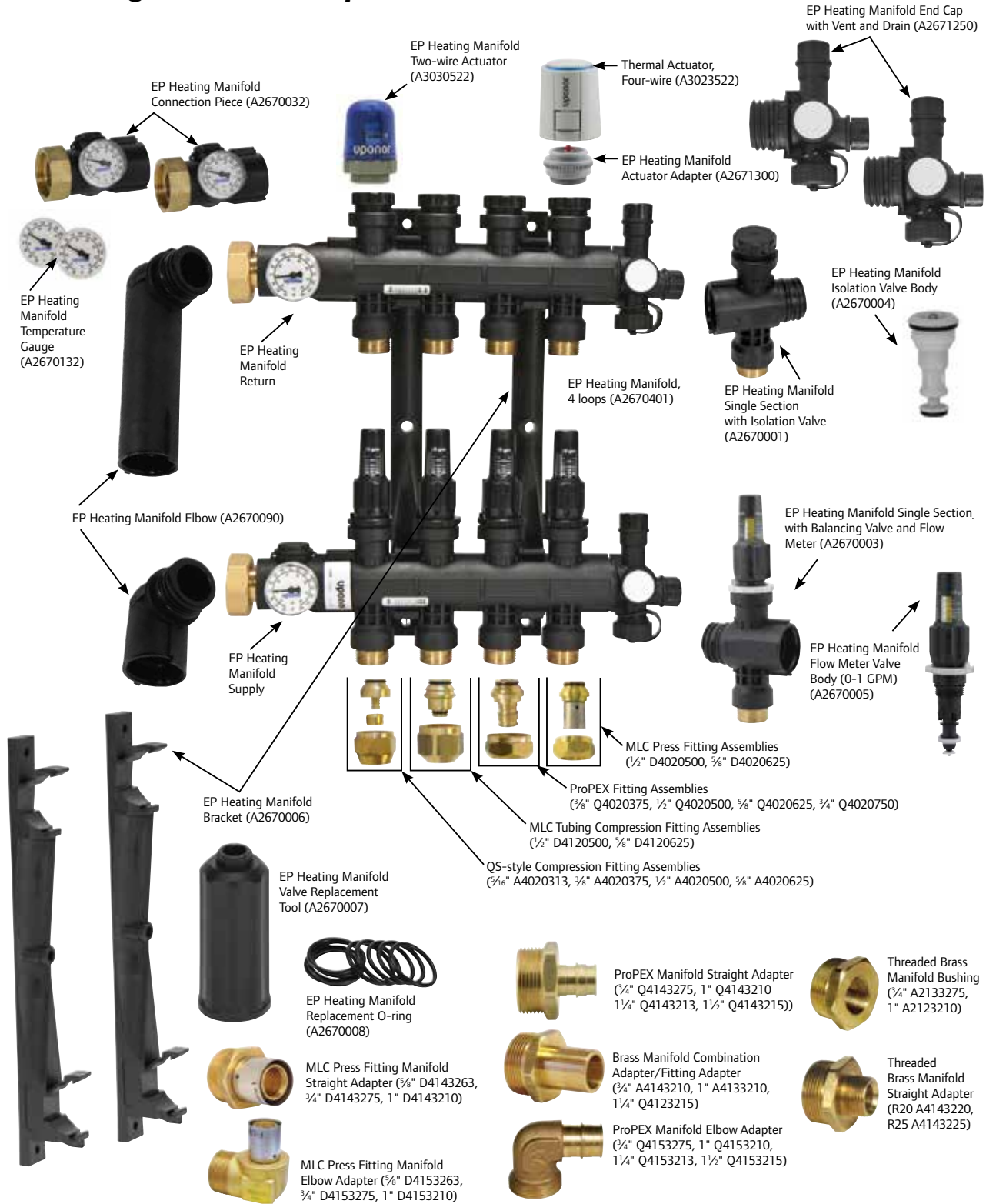
Replacement and spare parts for manifolds

Part no.	Part description	Pkg. qty.	List price/ea.
A2620005	Replacement Gasket for R32 Union Connections	10	\$1.25
A2620008	Replacement O-ring for 1/4" BSP Connections	10	\$0.55
A2620009	Replacement O-ring for TruFLOW Flow/Temperature Meter	10	\$0.55
A2400020	Brass Manifold Loop End Cap Gasket, spare part	10	\$3.15
A2640004	Replacement O-ring for 1" BSP Manifold Connections	10	\$0.15
A2400032	Basic End Cap Gasket, spare part, R32	10	\$3.60



Radiant and hydronic piping systems

EP heating manifolds exploded view



Radiant and hydronic piping systems

EP heating manifolds

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 ratings:

- 87psi at 140°F
- 72psi at 158°F
- 58psi at 176°F
- 44psi 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 kits (A2603588).

EP heating manifolds



Part no.	Part description	Dim. (body-outlets-body)	Pkg. qty.	List price/ea.
A2670201	EP Heating Manifold Assembly with Flow Meter, 2-loop	R32-R20-R32	1	\$315.25
A2670301	EP Heating Manifold Assembly with Flow Meter, 3-loop	R32-R20-R32	1	\$366.00
A2670401	EP Heating Manifold Assembly with Flow Meter, 4-loop	R32-R20-R32	1	\$431.40
A2670501	EP Heating Manifold Assembly with Flow Meter, 5-loop	R32-R20-R32	1	\$496.50
A2670601	EP Heating Manifold Assembly with Flow Meter, 6-loop	R32-R20-R32	1	\$561.75
A2670701	EP Heating Manifold Assembly with Flow Meter, 7-loop	R32-R20-R32	1	\$610.65
A2670801	EP Heating Manifold Assembly with Flow Meter, 8-loop	R32-R20-R32	1	\$692.15

Radiant and hydronic piping systems

EP heating manifold accessories

Manifold supply and return ball valve



Manifold supply and return ball valves are full-flow, 1¼" ball valves with R32 male by R32 union nut that fits directly on the TruFLOW Jr., Classic and EP manifolds.

Part no.	Part description	Pkg. qty.	List price/ea.
A2631250	Manifold Supply and Return Ball Valves with Filter and Temperature Gauge, set of 2	1	\$259.55
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

EP heating manifold single sections with isolation valve



EP heating manifold single sections with isolation valve are a single loop add-on used on the return side for EP heating manifold assemblies (A2670201 through A2670801)

Part no.	Part description	Dim. (body-outlets-body)	Pkg. qty.	List price/ea.
A2670001	EP Heating Manifold Single Section with Isolation Valve	R32-R20-R32	1	\$35.20

EP heating manifold single sections with balancing valve and flow meter



EP heating manifold single sections with balancing valve and flow meter (0-1 gpm) are a single loop add-on used on the supply side for EP heating manifold assemblies (A2670201 through A2670801).

Part no.	Part description	Dim. (body-outlets-body)	Pkg. qty.	List price/ea.
A2670003	EP Heating Manifold Single Section with Balancing Valve and Flow Meter	R32-R20-R32	1	\$49.00

EP heating manifold connection pieces



EP heating manifold connection pieces connect the manifold to the supply and return piping. Connection fitting size is an R32 union.

Part no.	Part description	Dim. (body-outlets-body)	Pkg. qty.	List price/ea.
A2670032	EP Heating Manifold Connection Piece, set of 2	R32	1	\$132.55

Radiant and hydronic piping systems

EP heating manifold elbows enable 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	\$40.40

EP heating manifold elbows



EP heating manifold end caps with vent and drain allow 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, set of 2	1	\$48.90

EP heating manifold end caps with vent and drain



EP heating manifold mounting brackets mount manifold assemblies to a wall.

Part no.	Part description	Pkg. qty.	List price/ea.
A2670006	EP Heating Manifold Mounting Bracket, set of 2	1	\$25.20

EP heating manifold mounting brackets



EP heating manifold wall cabinet brackets enable mounting EP heating manifolds 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	\$45.45

EP heating manifold wall cabinet brackets



Radiant and hydronic piping systems

EP heating manifold actuator adapters



EP heating manifold actuator adapters connect the four-wire thermal actuators (A3023522) onto the EP heating manifold. This adapter is included with the A3023522 four-wire thermal actuator.

Part no.	Part description	Pkg. qty.	List price/ea.
A2671300	EP Heating Manifold Actuator Adapter	10	\$6.25

EP heating manifold isolation valve bodies



EP heating manifold isolation valve bodies replace 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	\$21.60

EP heating manifold flow meter valve bodies



EP heating manifold flow meter valve bodies (0-1 GPM) replace 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	\$25.90

Radiant and hydronic piping systems

EP heating manifold temperature gauges display the supply and return temperature on the manifold. They snap 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	\$33.10

EP heating manifold temperature gauges



EP heating manifold valve replacement tools facilitate replacing the isolation valve bodies (A2670004) and flow meter valve bodies (A2670005).

Part no.	Part description	Pkg. qty.	List price/ea.
A2670007	EP Heating Manifold Valve Replacement Tool	1	\$16.45

EP heating manifold valve replacement tools



EP heating replacement O-rings allow a proper seal between body parts on the manifold.

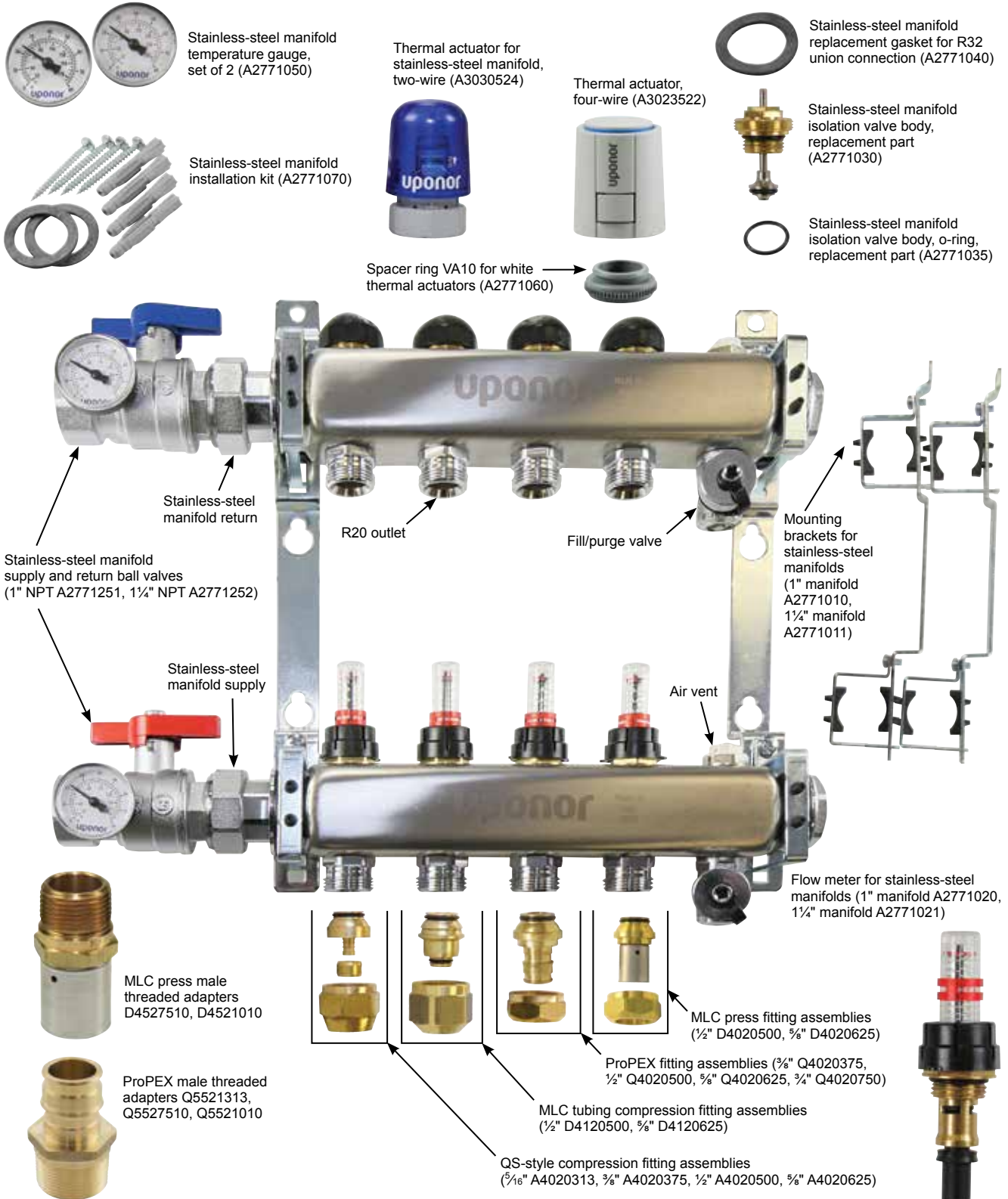
Part no.	Part description	Pkg. qty.	List price/ea.
A2670008	EP Heating Manifold Replacement O-ring 28.5 x 3mm EPDM	10	\$1.55

EP heating manifold replacement O-rings



Radiant and hydronic piping systems

Stainless-steel manifolds exploded view



Radiant and hydronic piping systems

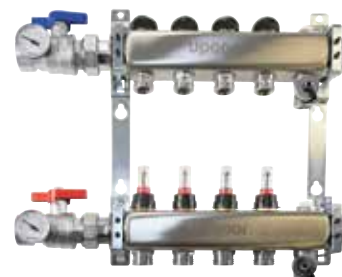
Radiant and hydronic piping systems

Stainless-steel manifolds

Stainless-steel manifolds feature isolation valves, balancing valves with flow meters, supply and return ball valves with temperature gauges, and come fully assembled, ready for installation. Targeted for commercial and residential radiant heating and cooling applications, the manifolds are available in 1" and 1¼" sizes. All manifold supply and return ball valves feature 1" NPT thread except for 1¼" manifold assemblies with 8, 10 and 12 loops which feature 1¼" NPT.

Note: The 1¼" manifolds with 2 through 7 loops are strategically designed with 1" NPT ball valves to avoid adding extra costs while maintaining the maximum flow of the manifold assembly.

Stainless-steel manifolds



Part no.	Part description	Pkg. qty.	List price/ea.
A2700202	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 2 loops	1	\$338.45
A2700302	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 3 loops	1	\$392.95
A2700402	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 4 loops	1	\$463.20
A2700502	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 5 loops	1	\$533.05
A2700602	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 6 loops	1	\$603.20
A2700702	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 7 loops	1	\$655.65
A2700802	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 8 loops	1	\$743.15
A2701002	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 10 loops	1	\$925.95
A2701202	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 12 loops	1	\$1,092.40
A2720202	Stainless-steel Manifold Assembly, 1¼" with flow meter, B&I, ball valve, 2 loops	1	\$379.40
A2720302	Stainless-steel Manifold Assembly, 1¼" with flow meter, B&I, ball valve, 3 loops	1	\$471.55
A2720402	Stainless-steel Manifold Assembly, 1¼" with flow meter, B&I, ball valve, 4 loops	1	\$563.75
A2720502	Stainless-steel Manifold Assembly, 1¼" with flow meter, B&I, ball valve, 5 loops	1	\$680.85
A2720602	Stainless-steel Manifold Assembly, 1¼" with flow meter, B&I, ball valve, 6 loops	1	\$773.20
A2720702	Stainless-steel Manifold Assembly, 1¼" with flow meter, B&I, ball valve, 7 loops	1	\$865.55
A2720802	Stainless-steel Manifold Assembly, 1¼" with flow meter, B&I, ball valve, 8 loops	1	\$993.30
A2721002	Stainless-steel Manifold Assembly, 1¼" with flow meter, B&I, ball valve, 10 loops	1	\$1,226.85
A2721202	Stainless-steel Manifold Assembly, 1¼" with flow meter, B&I, ball valve, 12 loops	1	\$1,402.35

Radiant and hydronic piping systems

Stainless-steel manifold accessories

Stainless-steel manifold supply and return ball valves



Stainless-steel manifold supply and return ball valves are R32 male by 1" FNPT or R32 male by 1¼" FNPT that fit directly on the stainless-steel manifold assemblies. The ball valves come standard with temperature gauges for easy visual check of supply and return temperatures.

Part no.	Part description	Pkg. qty.	List price/ea.
A2771251	Stainless-steel Manifold Supply and Return 1" FNPT Ball Valve with Temperature Gauge, set of 2	1	\$92.35
A2771252	Stainless-steel Manifold Supply and Return 1¼" FNPT Ball Valve with Temperature Gauge, set of 2	1	\$127.20

Stainless-steel manifold mounting brackets



Stainless-steel manifold mounting brackets are used to mount Uponor Stainless-steel 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.
A2771010	Mounting Bracket for Stainless-steel Manifold, 1", replacement part, set of 2	1	\$19.00
A2771011	Mounting Bracket for Stainless-steel Manifold, 1¼", replacement part, set of 2	1	\$19.00

Stainless-steel manifold temperature gauges



Stainless-steel manifold temperature gauges display the supply and return temperature on the manifold.

Part no.	Part description	Pkg. qty.	List price/ea.
A2771050	Stainless-steel Manifold Temperature Gauge, set of 2	1	\$36.55

Stainless-steel manifold flow meters



Stainless-steel manifolds all come standard with balancing valves and flow meters. These components are fixed to the supply side of the manifold and are used to balance and correct the flow of water or water/glycol mix through the manifold.

Part no.	Part description	Pkg. qty.	List price/ea.
A2771020	Stainless-steel Manifold Flow Meter 1.5 GPM Valve Body, replacement part	1	\$24.90
A2771021	Stainless-steel Manifold Flow Meter 2 GPM Valve Body, replacement part	1	\$24.90

Stainless-steel manifold installation kits



Stainless-steel manifold installation kits facilitate installation of stainless-steel manifolds.

Part no.	Part description	Pkg. qty.	List price/ea.
A2771070	Stainless-steel Manifold Installation Kit	1	\$5.65

Radiant and hydronic piping systems

Stainless-steel manifolds all come standard with isolation valves for easy loop isolation. These components are fixed to the return side of the manifold and are used to shut off the flow of water or water/glycol mix through the manifold port.

Part no.	Part description	Pkg. qty.	List price/ea.
A2771030	Stainless-steel Manifold Isolation Valve Body, replacement part	1	\$12.95
A2771035	O-ring for Stainless-steel Manifold Isolation Valve Body	10	\$10.45

Stainless-steel manifold isolation valve bodies



Spacer rings connect thermal actuators (A3023522) onto stainless-steel manifolds. These adapters are included with the four-wire thermal actuator (A3023522).

Part no.	Part description	Pkg. qty.	List price/ea.
A2771060	Spacer Ring VA10 for White Thermal Actuators	5	\$0.20

Stainless-steel manifold thermal actuator adapters



Stainless-steel manifold replacement gaskets are for use with R32 union connections.

Part no.	Part description	Pkg. qty.	List price/ea.
A2771040	Stainless-steel Manifold Replacement Gasket for R32 Union Connection	10	\$13.10

Stainless-steel manifold replacement gaskets



Supply and return manifold adapters and fittings

ProPEX manifold adapters for brass manifolds transition from the R32 manifold union nut to 3/4", 1", 1 1/4" and 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	\$35.75
Q4143210	ProPEX Manifold Straight Adapter, R32 x 1" ProPEX	10	\$31.80
Q4143213	ProPEX Manifold Straight Adapter, R32 x 1 1/4" ProPEX	10	\$37.15
Q4143215	ProPEX Manifold Straight Adapter, R32 x 1 1/2" ProPEX	10	\$39.25
Q4153275	ProPEX Manifold Elbow Adapter, R32 x 3/4" ProPEX	10	\$44.85
Q4153210	ProPEX Manifold Elbow Adapter, R32 x 1" ProPEX	10	\$44.30
Q4153213	ProPEX Manifold Elbow Adapter, R32 x 1 1/4" ProPEX	10	\$53.05
Q4153215	ProPEX Manifold Elbow Adapter, R32 x 1 1/2" ProPEX	10	\$55.20

ProPEX manifold adapters



Radiant and hydronic piping systems

Brass manifold combination adapter/fitting adapters

Brass manifold adapters allow either a straight copper pipe or a copper fitting adapter to sweat to the brass manifold adapter. The R32 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	\$28.85
A4133210	Brass Manifold Adapter, R32 x 1" Adapter or 1 1/4" Fitting Adapter	10	\$24.25
A4123215	Brass Manifold Adapter, R32 to 1 1/4" Adapter or 1 1/2" Fitting Adapter	10	\$43.70

Threaded brass manifold straight adapters and bushings

Threaded brass manifold straight adapters and bushings transition 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	\$27.70
A4143225	Threaded Brass Manifold Straight Adapter, R32 Male x R25 Male	10	\$28.55
A2133275	Threaded Brass Manifold Bushing, R32 Male x 3/4" Female NPT	10	\$23.00
A2123210	Threaded Brass Manifold Bushing, R32 Male x 1" Female NPT	10	\$18.75

Brass manifold pressure test kits

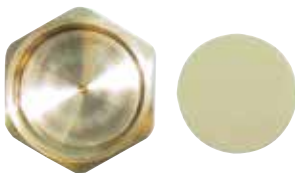
Brass manifold pressure test kits contain an R32 x 3/4" manifold bushing, an R32 solid brass plug, a 3/4" brass nipple and a pressure gauge assembly (100psi). Schraeder valve is included.



Part no.	Part description	Pkg. qty.	List price/ea.
E6122000	Brass Manifold Pressure Test Kit	1	\$86.10

Brass manifold loop end caps

Brass manifold loop end caps close off unused R20 manifold loop connections. Install supplied brass manifold loop end cap gaskets (A2400020) with the loop end caps to ensure a proper seal.



Part no.	Part description	Pkg. qty.	List price/ea.
A2080020	Brass Manifold Loop End Cap, R20	10	\$9.65
A2400020	Brass Manifold Loop End Cap Gasket, spare part	10	\$3.15

Radiant and hydronic piping systems

Manifold loop fitting assemblies

ProPEX manifold fitting assemblies with ProPEX insert connect $\frac{3}{8}$ " through $\frac{3}{4}$ " Uponor PEX tubing to stainless-steel, brass and EP heating manifolds. Sold as a two-piece assembly, they include a ProPEX insert and R20 swivel nut.

Part no.	Part description	Pkg. qty.	List price/ea.
Q4020375	$\frac{3}{8}$ " ProPEX Fitting Assembly, R20 Thread	10	\$11.20
Q4020500	$\frac{1}{2}$ " ProPEX Fitting Assembly, R20 Thread	10	\$9.45
Q4020625	$\frac{5}{8}$ " ProPEX Fitting Assembly, R20 Thread	10	\$11.30
Q4020750	$\frac{3}{4}$ " ProPEX Fitting Assembly, R20 Thread	10	\$18.55

ProPEX manifold fitting assemblies with ProPEX insert connect $\frac{5}{8}$ " and $\frac{3}{4}$ " Uponor PEX tubing to other R25 male threaded fittings. Sold as a two-piece assembly, they include 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	\$17.20
Q4030750	$\frac{3}{4}$ " ProPEX Fitting Assembly, R25 Thread	10	\$25.15

ProPEX manifold fitting assemblies



QS-style compression fitting assemblies connect $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ " and $\frac{5}{8}$ " Uponor PEX tubing to stainless-steel, brass and EP heating manifolds and R20 fittings. Sold as a three-piece assembly. QS-style compression rings and O-rings are also sold separately.

Part no.	Part description	Pkg. qty.	List price/ea.
A4020313	$\frac{5}{16}$ " QS-style Compression Fitting Assembly, R20 thread	10	\$15.95
A4020375	$\frac{3}{8}$ " QS-style Compression Fitting Assembly, R20 thread	10	\$15.30
A4020500	$\frac{1}{2}$ " QS-style Compression Fitting Assembly, R20 thread	10	\$12.35
A4020625	$\frac{5}{8}$ " QS-style Compression Fitting Assembly, R20 thread	10	\$15.00
A4021116	Replacement O-ring for insert (R20)	10	\$0.35

QS-style compression fitting assemblies



QS-style compression fitting assemblies connect $\frac{5}{8}$ " 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	\$18.40
A4020750	$\frac{3}{4}$ " QS-style Compression Fitting Assembly, R25 thread	10	\$21.75
A4021000	Replacement O-ring for insert (R25)	10	\$0.45

QS-style compression rings are replacement parts that are designed and tested for use with Uponor PEX tubing.

Note: Do not substitute similar compression rings.

Part no.	Part description	Pkg. qty.	List price/ea.
A4160313	$\frac{5}{16}$ " QS-style Compression Ring, spare part	10	\$3.70
A4160375	$\frac{3}{8}$ " QS-style Compression Ring, spare part	10	\$3.50
A4160500	$\frac{1}{2}$ " QS-style Compression Ring, spare part	10	\$3.25
A4160625	$\frac{5}{8}$ " QS-style Compression Ring, spare part	10	\$3.50
A4160750	$\frac{3}{4}$ " QS-style Compression Ring, spare part	10	\$4.45

QS-style compression rings



Radiant and hydronic piping systems

MLC press fitting assemblies



MLC press fitting assemblies connect 1/2" and 5/8" MLC tubing to R20 manifold connections and fittings.

Note: The assemblies require mini-press battery tools or MLC press fitting manual tools.

Part no.	Part description	Pkg. qty.	List price/ea.
D4020500	1/2" MLC Press Fitting Assembly, R20 thread	10	\$21.30
D4020625	5/8" MLC Press Fitting Assembly, R20 thread	10	\$27.65

MLC press fitting assemblies connect 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	\$23.15
D4030750	3/4" MLC Press Fitting Assembly, R25 thread	10	\$24.50

MLC tubing compression fitting assemblies



MLC tubing compression fitting assemblies, made of heat-treated brass, connect 1/2" and 5/8" MLC tubing to stainless-steel, brass and EP heating manifolds.

Part no.	Part description	Pkg. qty.	List price/ea.
D4120500	1/2" MLC Tubing Compression Fitting Assembly, R20 thread	10	\$22.95
D4120625	5/8" MLC Tubing Compression Fitting Assembly, R20 thread	10	\$39.75

MLC tubing compression fitting assemblies with O-ring connect 3/4" 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	\$38.40

Radiant and hydronic piping systems

Copper manifolds

Copper valved manifolds with ProPEX ball valves are made of type L copper and feature $\frac{5}{8}$ " and $\frac{3}{4}$ " nominal branches that are 4" on center. The manifolds are 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 $\frac{5}{8}$ " ProPEX Ball Valves, 12 outlets	1	\$1,151.60
Q2811275	2" x 4' Copper Valved Manifold with $\frac{3}{4}$ " ProPEX Ball Valves, 12 outlets	1	\$1,193.70
Q2821263	2" x 4' Copper Valved Manifold with $\frac{5}{8}$ " ProPEX Ball and Balancing Valves, 12 outlets	1	\$1,715.40
Q2821275	2" x 4' Copper Valved Manifold with $\frac{3}{4}$ " ProPEX Ball and Balancing Valves, 12 outlets	1	\$1,471.05
F2811220	2" x 4' Copper Valved Manifold with R20 Threaded Ball Valves, 12 outlets	1	\$996.20
F2811225	2" x 4' Copper Valved Manifold with R25 Threaded Ball Valves, 12 outlets	1	\$1,034.50
F2821220	2" x 4' Copper Valved Manifold with R20 Threaded Ball and Balancing Valves, 12 outlets	1	\$1,710.00
F2821225	2" x 4' Copper Valved Manifold with R25 Threaded Ball and Balancing Valves, 12 outlets	1	\$1,468.00

Note: Other non-standard configurations are available on a made-to-order basis. Allow six to eight weeks lead time. Call Uponor customer service at 888.594.7726 for pricing and availability.

Copper valveless manifolds (type L copper) feature either $\frac{5}{8}$ " or $\frac{3}{4}$ " branches, come 4" on center, and are available in 12-outlet configurations.

Note: ProPEX tool is required. ProPEX rings must be purchased separately. Special order only; allow four weeks for delivery.

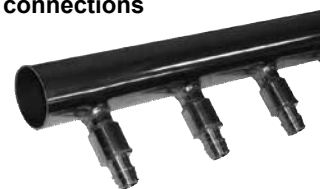
Part no.	Part description	Pkg. qty.	List price/ea.
Q2831263	2" x 4' Copper Valveless Manifold with $\frac{5}{8}$ " ProPEX, 12 outlets	1	\$755.00
Q2831275	2" x 4' Copper Valveless Manifold with $\frac{3}{4}$ " ProPEX, 12 outlets	1	\$755.00

Note: Other non-standard configurations are available on a made-to-order basis. Allow six to eight weeks lead time. Call Uponor customer service at 888.594.7726 for pricing and availability.

2" copper valved manifold with ProPEX ball valves



2" copper valveless manifolds with ProPEX connections



Radiant and hydronic piping systems

Copper valved manifold accessories



Copper valved manifold accessories include various valves and end caps for use with Uponor copper valved manifolds.

Part no.	Part description	Pkg. qty.	List price/ea.
Q5806375	ProPEX Ball Valve, 5/8" PEX x 3/4" Copper Adapter	10	\$33.60
Q5807575	ProPEX Ball Valve, 3/4" PEX x 3/4" Copper Adapter	10	\$35.85
Q5906375	ProPEX Ball and Balancing Valve, 5/8" PEX x 3/4" Copper Adapter	10	\$64.05
Q5907575	ProPEX Ball and Balancing Valve, 3/4" PEX x 3/4" Copper Adapter	10	\$66.85
A5802075	Ball Valve, R20 Thread x 3/4" Copper Adapter	10	\$37.00
A5802575	Ball Valve, R25 Thread x 3/4" Copper Adapter	10	\$39.20
A5902075	Ball and Balancing Valve, R20 Thread x 3/4" Copper Adapter	10	\$67.70
A5902575	Ball and Balancing Valve, R25 Thread x 3/4" Copper Adapter	10	\$71.15
A2402000	2" Copper End Cap Spun End with drain and vent connections	1	\$156.55

HDPE manifolds

HDPE valveless manifolds



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. 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. HDPE manifolds and accessories are made for SDR11 tubing and PE 3408 material and can be used together with 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 80psi. HDPE manifolds are made-to-order. Allow five 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	\$1,230.15
B2272101	2" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 1" ProPEX	1	\$1,469.60
B2252752	2" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 3/4" ProPEX	1	\$2,460.40
B2272102	2" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 1" ProPEX	1	\$2,939.30
B2253751	3" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 3/4" ProPEX	1	\$1,279.75
B2273101	3" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 1" ProPEX	1	\$1,519.20
B2253752	3" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 3/4" ProPEX	1	\$2,559.50
B2273102	3" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 1" ProPEX	1	\$3,034.20
B2254751	4" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 3/4" ProPEX	1	\$1,337.55
B2274101	4" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 1" ProPEX	1	\$1,577.00
B2254752	4" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 3/4" ProPEX	1	\$2,675.05
B2274102	4" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 1" ProPEX	1	\$3,153.95

Note: Other non-standard configurations are available on a made-to-order basis. Allow six to eight weeks lead time. Call Uponor customer service at 888.594.7726 for pricing and availability.

Radiant and hydronic piping systems

Hydronic valves and accessories

Thermal mixing valves thermostatically control water temperature ranges between 80°F and 165°F. The non-corrosive reactive valves feature 1" nominal sweat union connections and a C_v of 4.0.

Part no.	Part description	Pkg. qty.	List price/ea.
A5402112	1" Thermal Mixing Valve with Union	1	\$176.95
A5400012	1" Union Replacement Gasket	3	\$7.80

Thermal mixing valves



Self-acting, automatic differential pressure by-pass valves maintain 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	\$365.05
A5411000	1" Differential Pressure By-pass Valve	1	\$447.65

Differential pressure by-pass valves



ProPEX brass ball valves are a cost-effective alternative for radiant heating/cooling and hydronic piping applications. Both ends are manufactured with the ProPEX fitting for connections to Uponor PEX pipe. The full-port valves are compatible with propylene glycol mixtures up to 50%. Stem extensions can be installed to accommodate up to 2" of pipe insulation.

Note: ProPEX brass ball valves are not approved for potable-water applications.

Part no.	Part description	Pkg. qty.	List price/ea.
A3205050	ProPEX Brass Ball Valve ½" PEX x ½" PEX	10	\$16.25
A3207575	ProPEX Brass Ball Valve ¾" PEX x ¾" PEX	10	\$23.80
A3201010	ProPEX Brass Ball Valve 1" PEX x 1" PEX	1	\$44.25
A3201313	ProPEX Brass Ball Valve 1-¼" PEX x 1-¼" PEX	1	\$54.60
A3201515	ProPEX Brass Ball Valve 1-½" PEX x 1-½" PEX	1	\$71.40
A3202020	ProPEX Brass Ball Valve 2" PEX x 2" PEX	1	\$134.40
F5630001	2⅜" Stem Extension Kit for ½" and ¾" Valves	1	\$24.70
F5630002	2⅝" Stem Extension Kit for 1" and 1¼" Valves	1	\$26.80
F5630003	2⅞" Stem Extension Kit for 1½" and 2" Valves	1	\$48.30

ProPEX brass ball valves



Price reduced

Radiant and hydronic piping systems


Climate Control Zoning System II (wireless)

Wireless base units



Wireless base units support up to six thermostats and eight actuators (sold separately). The units receive information from the thermostats to open and close the connected actuator(s) and control the flow of water through the loops of PEX tubing in radiant heating systems or supply lines for baseboard applications. The units come with an antenna that mounts directly to the case along with a cable that can be used to remote mount the antenna outside of a metal manifold cabinet. They require 24 VAC for power which can be supplied using the A3500050 50VA transformer. Mounting hardware is included.

Note: Not compatible with previous A360 Climate Control Zoning System products.

Part no.	Part description	Pkg. qty.	List price/ea.
 A3801165	Wireless Base Unit, 6 zones (X-165)	1	\$350.00

Wireless expansion modules



Wireless base unit expansion modules easily connect to wireless base units to add an additional six thermostats and six actuators (for a total of 12 thermostats and 14 actuators in the system).

Note: The antenna will need to be disconnected and reinstalled on the expansion module when expanding the number of zones.

Note: Not compatible with previous A360 Climate Control Zoning System products.



Part no.	Part description	Pkg. qty.	List price/ea.
 A3801160	Wireless Base Unit Expansion Module, 6 zones (M-160)	1	\$110.00

Wireless digital thermostats



Wireless digital thermostats provide total freedom of thermostat placement to ensure the best control of a radiant heating system. The thermostat can send a demand for heating up to 98 ft. to a wireless base unit (through normal construction). The back-lit digital display can be configured to Fahrenheit (°F) or Celsius (°C) and shows when the area is actively heating. The thermostat's setpoint temperature range is adjustable from 41°F to 96°F and it can be used with an optional floor sensor (sold separately). It uses two standard AAA batteries (included) and features a low-battery status.

Note: Not compatible with previous A360 Climate Control Zoning System products.

Part no.	Part description	Pkg. qty.	List price/ea.
 A3800167	Wireless Digital Thermostat (T-167)	1	\$115.00
 A9010599	Slab Sensor, 10k	1	\$49.00

Wireless dial thermostats



Wireless dial thermostats provide total freedom of thermostat placement to ensure the best control of a radiant heating system. The thermostat can send a demand for heating up to 98 ft. to a wireless base unit (through normal construction). The thermostat includes a blue ring around the dial that illuminates when the set temperature is adjusted. An orange LED will illuminate when there is an active heating demand or a low-battery status. Setpoint temperature range is adjustable from 41°F to 96°F, and default temperature is 68°F. The thermostat uses two standard AAA batteries (included).

Note: Not compatible with previous A360 Climate Control Zoning System products.

Part no.	Part description	Pkg. qty.	List price/ea.
 A3800165	Wireless Dial Thermostat (T-165)	1	\$75.00

Radiant and hydronic piping systems

Zoning controls (wired)

Heat-only thermostats with touchscreen are designed specifically for radiant floor heating. They use fully automatic differential and pulse width modulation (PWM) to ensure each zone or area is comfortable and energy efficient. The touchscreen provides a simple, intuitive display with large, easy-to-read numbers. The thermostat can control room temperature through operative temperature sensing, an optional floor sensor or a combination of both. The floor sensor can be used to maintain warm floors throughout the heating season as well as provide temperature limit protection. The thermostat is designed to operate using two wires, making it simple to install and service.

Part no.	Part description	Pkg. qty.	List price/ea.
A3100101	Heat-only Thermostat with Touchscreen	1	\$160.00
A9010599	Slab Sensor, 10k	1	\$49.00

Heat-only thermostats with touchscreen



Heat and cool thermostats are designed for use with a radiant heating system. They also include separate terminals for fan and cooling equipment operation to provide air conditioning. They use fully automatic differential and PWM for heating to ensure each zone or area is comfortable and energy efficient. Cooling operation utilizes a fixed 2°F differential.

Part no.	Part description	Pkg. qty.	List price/ea.
A3030102	Heat and Cool Thermostat	1	\$146.20

Heat and cool thermostats



Radiant and hydronic piping systems

SetPoint 501s controllers



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

Part no.	Part description	Pkg. qty.	List price/ea.
A3041501	SetPoint 501s, Single-stage SetPoint Controller with floor sensor	1	\$326.15
A3040007	Cover Plate for 500 Series Controllers	10	\$30.30

SetPoint 521 programmable thermostats



SetPoint 521 programmable thermostats are designed to sense air, floor or both temperatures with the ability to select one or the other as the primary sensing point. The thermostats also include multistage functionality along with programmable schedules.

Part no.	Part description	Pkg. qty.	List price/ea.
A3040521	SetPoint 521, Programmable Thermostat with floor sensor	1	\$382.50
A3040012	Cover Plate for SetPoint 521 Programmable Thermostat	1	\$47.95
A3040079	Floor Sensor, replacement part	1	\$95.45
A3040007	Cover Plate for 500 Series Controllers	10	\$30.30

SetPoint 150 controllers



SetPoint 150 controllers include flexible setpoint range (-40°F to 239°F), adjustable differential and time-delay ranges and an LCD display. Controls can be wired up to 500 ft. using 18 AWG wire. Use universal sensors (A3060071), included with the controller, for strap-on or immersion well.

Part no.	Part description	Pkg. qty.	List price/ea.
A3040150	SetPoint 150 Controller	1	\$472.35

Zone control modules



Zone control modules provide connection between thermostats and their respective actuators or zone valves as well as the connection between the end switches and the pump or boiler relay. They are compatible for use with all two-wire and four-wire Uponor actuators. 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 two-amp fuse is factory installed.

Part no.	Part description	Pkg. qty.	List price/ea.
A3031003	Three-zone Control Module for Two and Four-wire Operation	1	\$137.35
A3031004	Four-zone Control Module for Two and Four-wire Operation	1	\$151.90
A3030009	Replacement Fuse (2 amps), 4/pkg.	1	\$15.95
A3030010	Replacement Fuse (4 amps), 4/pkg.	1	\$15.95

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 149-178 for a listing of alternative part numbers.

Radiant and hydronic piping systems

Powered 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 domestic hot water (DHW) priority switch. The indicator lights show full functionality of the products wired to the controllers. A three-amp delay fuse protects four-zone controllers. A seven-amp delay fuse protects six-zone controllers.

Part no.	Part description	Pkg. qty.	List price/ea.
A3080404	Powered Four-zone Controller	1	\$284.15
A3080406	Powered Six-zone Controller	1	\$365.45

Powered zone controllers



Two-wire, slow-opening thermal actuators mount directly onto TruFLOW Classic, TruFLOW Jr. valved, stainless-steel and EP heating manifolds to provide individual-loop flow control on a multi-zoned manifold (a manifold serving more than one zone).

Note: See actuator-to-manifold compatibility table on [page 96](#).

Part no.	Part description	Pkg. qty.	List price/ea.
A3030522	Two-wire Thermal Actuator for EP Heating Manifolds	1	\$63.80
A3030523	Two-wire Thermal Actuator for TruFLOW Classic and Jr. Valved Manifolds	1	\$67.95
A3030524	Two-wire Thermal Actuator for Stainless-steel Manifolds	1	\$64.25

Two-wire thermal actuators



Four-wire thermal actuators mount directly onto TruFLOW Classic, TruFLOW Jr. valved, stainless-steel and EP heating manifolds. The actuators provide individual loop flow control on multi-zoned manifolds and feature an end switch for activation of a relay (pump), heat plant or other auxiliary devices. All adapter rings to mount to Uponor manifolds are included in the package.

Note: See actuator-to-manifold compatibility table on [page 96](#).

Part no.	Part description	Pkg. qty.	List price/ea.
A3023522	Thermal Actuator, four-wire	1	\$101.90
A2870100	Spacer Ring VA31H for Thermal Actuators	10	\$7.10
A2771060	Spacer Ring VA10 for White Thermal Actuators	5	\$0.20
A2671300	EP Heating Manifold Actuator Adapter	10	\$6.25
A3019900	Spacer Ring VA33 for White Thermal Actuators	5	\$7.10

Four-wire thermal actuators



Thermal zone valves (24 VAC) feature 3/4" and 1" sweat connections. They provide flow control for single-zoned manifolds (manifolds serving one zone), and have a built-in flow-balancing feature. The valves include an end switch for activation of a relay (pump), heat plant or other auxiliary devices.

Part no.	Part description	Pkg. qty.	List price/ea.
A3011075	3/4" and 1" Thermal Zone Valve	1	\$180.80
A5400012	1" Union Replacement Gasket	3	\$7.80

Thermal zone valves



Radiant and hydronic piping systems

Three-way mixing valves



Three-way mixing valves are microprocessor-controlled valves designed to regulate supply-water temperatures to radiant heating systems by modulating the position of the valve. Configure mixed supply water temperature to reset (or vary) based on the outdoor temperature or control to a fixed, constant temperature. Use optional boiler sensor to provide protection in non-condensing boiler applications.

Part no.	Part description	Pkg. qty.	List price/ea.
A3040075	3/4" Three-way Mixing Valve, (Cv=4.5)	1	\$785.40
A3040100	1" Three-way Mixing Valve, (Cv=4.5)	1	\$825.20

Pump relays



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

Three-zone multi-pump relays control 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	\$148.70
A3080301	Three-zone Multi-pump Relay	1	\$372.65

Transformers



50 VA transformers (24VAC) come with a 4" x 4" metal mounting plate

Part no.	Part description	Pkg. qty.	List price/ea.
A3050050	50 VA Transformer	1	\$52.60

Radiant and hydronic piping systems

Snow melt controls

Single-zone snow melt controls feature a microprocessor and sensor to effectively melt snow and ice from exterior surfaces. They include a 10K slab sensor for basic control and operation.

Note: Refer to the accessories section for additional sensor options.

Part no.	Part description	Pkg. qty.	List price/ea.
A3040654	Single-zone Snow Melt Control	1	\$1,009.80

Single-zone snow melt controls



Single-zone snow melt control accessories include various sensors and sensor cups.















Part no.	Part description	Pkg. qty.	List price/ea.
A3040090	Pavement Snow and Ice Sensor	1	\$1,450.45
A3040091	Pavement Snow and Ice Sensor Cup	1	\$336.60
A3040095	Aerial Snow Sensor	1	\$348.85
A3040073	Slab Sensor for Aerial Snow Sensor	1	\$372.30

Single-zone snow melt control accessories



Radiant and hydronic piping systems

Actuator-to-manifold compatibility table

Manifolds	Two-wire actuators	Four-wire actuators
<p>TruFLOW manifolds</p> 	<p>Two-wire Thermal Actuator for TruFLOW Classic and Jr. Valved Manifolds (A3030523)</p>  <p>TruFLOW Manifold Actuator Adapter (A2630028)</p> 	<p>Four-wire Thermal Actuator (A3023522)</p>  <p>Adapter Ring (A2870100) (female thread with green stem extension)</p>  <p>TruFLOW Manifold Actuator Adapter (A2630028)</p> 
<p>EP heating manifolds</p> 	<p>Two-wire Thermal Actuator for EP Heating Manifolds (A3030522)</p> 	<p>Four-wire Thermal Actuator (A3023522)</p>  <p>Adapter Ring (A2671300) (male thread with red stem extension)</p> 
<p>Stainless-steel manifolds</p> 	<p>Two-wire Thermal Actuator for Stainless-steel Manifolds (A3030524)</p> 	<p>Four-wire Thermal Actuator (A3023522)</p>  <p>Adapter Ring (A2771060) (female thread)</p> 

Radiant and hydronic piping systems

Radiant Ready 30E™

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. It provides a simple solution for installing radiant heating in projects requiring up to 30,000 BTU/h. It 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. It is tested and listed to cETLus, CSA C22.2 No. 165.92 and UL No. 834.

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	\$6,313.00

Radiant Ready 30E



Radiant and hydronic piping systems

ProPEX fittings

ProPEX rings

ProPEX rings are required to make ProPEX connections. The 1/2" through 3" 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	\$0.26
Q4690512	ProPEX Ring with Stop, 1/2"	50	\$0.26
Q4690625	ProPEX Ring with Stop, 5/8"	50	\$0.44
Q4690756	ProPEX Ring with Stop, 3/4"	50	\$0.53
Q4691000	ProPEX Ring with Stop, 1"	50	\$1.13
Q4691250	ProPEX Ring with Stop, 1 1/4"	10	\$1.46
Q4691500	ProPEX Ring with Stop, 1 1/2"	5	\$1.94
Q4692000	ProPEX Ring with Stop, 2"	10	\$3.86
Q4692500	ProPEX Ring with Stop, 2 1/2"	5	\$4.94
Q4693000	ProPEX Ring with Stop, 3"	5	\$8.14

ProPEX couplings

ProPEX EP, LF 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	\$1.60
LF4543850	ProPEX LF Brass Coupling, 3/8" PEX x 1/2" PEX	25	\$11.40
Q4775050	ProPEX EP Coupling, 1/2" PEX x 1/2" PEX	25	\$1.70
LF4545050	ProPEX LF Brass Coupling, 1/2" PEX x 1/2" PEX	25	\$6.65
Q4775075	ProPEX EP Coupling, 1/2" PEX x 3/4" PEX	25	\$3.55
Q4776363	ProPEX EP Coupling, 5/8" PEX X 5/8" PEX	10	\$3.75
Q4546363	ProPEX Brass Coupling, 5/8" PEX x 5/8" PEX	10	\$6.45
Q4777575	ProPEX EP Coupling, 3/4" PEX x 3/4" PEX	25	\$2.15
LF4547575	ProPEX LF Brass Coupling, 3/4" PEX x 3/4" PEX	25	\$10.15
Q4777510	ProPEX EP Coupling, 3/4" PEX x 1" PEX	25	\$5.10
LF4547510	ProPEX LF Brass Coupling, 3/4" PEX x 1" PEX	10	\$15.65
Q4771010	ProPEX EP Coupling, 1" PEX x 1" PEX	10	\$3.35
LF4541010	ProPEX LF Brass Coupling, 1" PEX x 1" PEX	10	\$18.45
Q4771307	ProPEX EP Coupling, 1 1/4" PEX x 3/4" PEX	1	\$7.45

Radiant and hydronic piping systems

Part no.	Part description	Pkg. qty.	List price/ea.
Q4771310	ProPEX EP Coupling, 1¼" PEX x 1" PEX	1	\$7.70
Q4771313	ProPEX EP Coupling, 1¼" PEX x 1¼" PEX	1	\$8.75
Q4771507	ProPEX EP Coupling, 1½" PEX x ¾" PEX	1	\$9.30
Q4771510	ProPEX EP Coupling, 1½" PEX x 1" PEX	1	\$9.50
Q4771513	ProPEX EP Coupling, 1½" PEX x 1¼" PEX	1	\$9.65
Q4771515	ProPEX EP Coupling, 1½" PEX x 1½" PEX	1	\$9.80
Q4772015	ProPEX EP Coupling, 2" PEX x 1½" PEX	1	\$38.05
Q4772020	ProPEX EP Coupling, 2" PEX x 2" PEX	1	\$48.75
Q4772513	ProPEX EP Coupling, 2½" PEX x 1¼" PEX	1	\$80.00
Q4772515	ProPEX EP Coupling, 2½" PEX x 1½" PEX	1	\$80.00
Q4772520	ProPEX EP Coupling, 2½" PEX x 2" PEX	1	\$80.00
Q4772525	ProPEX EP Coupling, 2½" PEX x 2½" PEX	1	\$80.00
Q4773020	ProPEX EP Coupling, 3" PEX x 2" PEX	1	\$100.00
Q4773025	ProPEX EP Coupling, 3" PEX x 2½" PEX	1	\$100.00
Q4773030	ProPEX EP Coupling, 3" PEX x 3" PEX	1	\$100.00

ProPEX couplings



Radiant and hydronic piping systems

ProPEX elbows



ProPEX EP, LF brass and brass elbows make tight, 90-degree and 45-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	\$2.10
Q4710625	ProPEX Brass Elbow, 5/8" PEX x 5/8" PEX	25	\$10.80
Q4760750	ProPEX EP Elbow, 3/4" PEX x 3/4" PEX	25	\$2.60
LF4710750	ProPEX LF Brass Elbow, 3/4" PEX x 3/4" PEX	25	\$13.00
Q4761000	ProPEX EP Elbow, 1" PEX x 1" PEX	10	\$5.35
LF4711000	ProPEX LF Brass Elbow, 1" PEX x 1" PEX	10	\$20.90
Q4761250	ProPEX EP Elbow, 1 1/4" PEX x 1 1/4" PEX	1	\$13.25
Q4761500	ProPEX EP Elbow, 1 1/2" PEX x 1 1/2" PEX	1	\$17.65
Q4761515	ProPEX EP 45 Elbow, 1 1/2" PEX x 1 1/2" PEX	1	\$16.05
Q4762000	ProPEX EP Elbow, 2" PEX x 2" PEX	1	\$68.70
Q4762020	ProPEX EP 45 Elbow, 2" PEX x 2" PEX	1	\$68.70
Q4762500	ProPEX EP Elbow, 2 1/2" PEX x 2 1/2" PEX	1	\$115.00
Q4762525	ProPEX EP 45 Elbow, 2 1/2" PEX x 2 1/2" PEX	1	\$115.00
Q4763000	ProPEX EP Elbow, 3" PEX x 3" PEX	1	\$170.00
Q4763030	ProPEX EP 45 Elbow, 3" PEX x 3" PEX	1	\$170.00

Radiant and hydronic piping systems

ProPEX LF brass elbows make 90-degree connections for 1/2" Uponor PEX tubing to 1/2" male NPT thread or copper sweat.

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	\$13.55
LF4730500	ProPEX LF Brass Elbow, 1/2" PEX x 1/2" Male CU	10	\$13.35

ProPEX LF brass elbows



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	\$2.10
LF4705050	ProPEX LF Brass Tee, 1/2" PEX x 1/2" PEX x 1/2" PEX	25	\$11.20
Q4757575	ProPEX EP Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX	25	\$3.35
LF4707575	ProPEX LF Brass Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX	25	\$18.20
Q4751010	ProPEX EP Tee, 1" PEX x 1" PEX x 1" PEX	10	\$6.05
LF4701010	ProPEX LF Brass Tee, 1" PEX x 1" PEX x 1" PEX	10	\$33.65
Q4751313	ProPEX EP Tee, 1 1/4" PEX x 1 1/4" PEX x 1 1/4" PEX	1	\$15.10
Q4751515	ProPEX EP Tee, 1 1/2" PEX x 1 1/2" PEX x 1 1/2" PEX	1	\$21.10
Q4752000	ProPEX EP Tee, 2" PEX x 2" PEX x 2" PEX	1	\$84.60
Q4752500	ProPEX EP Tee, 2 1/2" PEX x 2 1/2" PEX x 2 1/2" PEX	1	\$140.00
Q4753000	ProPEX EP Tee, 3" PEX x 3" PEX x 3" PEX	1	\$230.00

ProPEX tees



Radiant and hydronic piping systems

ProPEX reducing tees



ProPEX EP and 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	\$8.05
Q4757555	ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 1/2" PEX	25	\$3.20
Q4757557	ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 3/4" PEX	25	\$3.20
Q4757550	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX	25	\$2.70
LF4707550	ProPEX LF Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX	25	\$18.20
Q4757563	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 5/8" PEX	10	\$5.65
Q4757710	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	10	\$12.00
LF4707710	ProPEX LF Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	10	\$29.35
Q4751775	ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	10	\$5.30
LF4701775	ProPEX LF Brass Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	10	\$33.65
Q4751751	ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	10	\$6.40
LF4701751	ProPEX LF Brass Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	10	\$33.65
Q4751150	ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	10	\$5.55
LF4701150	ProPEX LF Brass Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	10	\$33.65
Q4751175	ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	10	\$6.15
LF4701175	ProPEX LF Brass Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	10	\$33.65
Q4751317	ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 3/4" PEX	1	\$11.95
Q4751311	ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 1" PEX	1	\$13.95
Q4751350	ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 1/2" PEX	1	\$10.60
Q4751337	ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 3/4" PEX	1	\$14.05
Q4751331	ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 1" PEX	1	\$14.45
Q4751517	ProPEX EP Reducing Tee, 1 1/2" PEX x 1" PEX x 3/4" PEX	1	\$17.55
Q4751511	ProPEX EP Reducing Tee, 1 1/2" PEX x 1" PEX x 1" PEX	1	\$17.55

Radiant and hydronic piping systems

Part no.	Part description	Pkg. qty.	List price/ea.
Q4751505	ProPEX EP Reducing Tee, 1½" PEX x 1" PEX x 1½" PEX	1	\$17.50
Q4751537	ProPEX EP Reducing Tee, 1½" PEX x 1¼" PEX x ¾" PEX	1	\$20.00
Q4751531	ProPEX EP Reducing Tee, 1½" PEX x 1¼" PEX x 1" PEX	1	\$20.75
Q4751533	ProPEX EP Reducing Tee, 1½" PEX x 1¼" PEX x 1¼" PEX	1	\$22.05
Q4751550	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x ½" PEX	1	\$15.90
Q4751557	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x ¾" PEX	1	\$18.75
Q4751551	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x 1" PEX	1	\$19.40
Q4751553	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x 1¼" PEX	1	\$19.90
Q4752575	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x ¾" PEX	1	\$74.70
Q4752051	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 1" PEX	1	\$65.00
Q4752053	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 1¼" PEX	1	\$74.70
Q4752055	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 1½" PEX	1	\$81.15
Q4752152	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 2" PEX	1	\$76.50
Q4752250	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x ½" PEX	1	\$70.55
Q4752275	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x ¾" PEX	1	\$71.10
Q4752210	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1" PEX	1	\$69.75
Q4752213	ProPEX EP Reducing Tee, 2" x 2" x 1¼"	1	\$73.25
Q4752215	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1½" PEX	1	\$82.05
Q4752525	ProPEX EP Reducing Tee, 2½" PEX x 2" PEX x 1½" PEX	1	\$130.00
Q4752522	ProPEX EP Reducing Tee, 2½" PEX x 2" PEX x 2" PEX	1	\$130.00
Q4752557	ProPEX EP Reducing Tee, 2½" PEX x 2½" PEX x ¾" PEX	1	\$100.00
Q4752510	ProPEX EP Reducing Tee, 2½" PEX x 2½" PEX x 1" PEX	1	\$120.00
Q4752513	ProPEX EP Reducing Tee, 2½" PEX x 2½" PEX x 1¼" PEX	1	\$130.00
Q4752515	ProPEX EP Reducing Tee, 2½" PEX x 2½" PEX x 1½" PEX	1	\$130.00
Q4752520	ProPEX EP Reducing Tee, 2½" PEX x 2½" PEX x 2" PEX	1	\$130.00
Q4753220	ProPEX EP Reducing Tee, 3" PEX x 2" PEX x 2" PEX	1	\$180.00
Q4753215	ProPEX EP Reducing Tee, 3" PEX x 2½" PEX x 1½" PEX	1	\$175.00

ProPEX reducing tees



Radiant and hydronic piping systems

ProPEX reducing tees







Part no.	Part description	Pkg. qty.	List price/ea.
Q4753252	ProPEX EP Reducing Tee, 3" PEX x 2½" PEX x 2" PEX	1	\$200.00
Q4753375	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x ¾" PEX	1	\$150.00
Q4753310	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 1" PEX	1	\$150.00
Q4753313	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 1¼" PEX	1	\$160.00
Q4753315	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 1½" PEX	1	\$170.00
Q4753320	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 2" PEX	1	\$200.00
Q4753325	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 2½" PEX	1	\$220.00

ProPEX EP opposing-port tees

ProPEX EP opposing-port tees feature 1" through 2" ProPEX flow-through connections with opposing ¾" ProPEX branch outlets. The tees are made of engineered polymer, which is proven in demanding hot-water applications.



Part no.	Part description	Pkg. qty.	List price/ea.
 Q4801075	ProPEX EP Opposing-port Tee 1" x 1" x ¾" x ¾"	1	\$20.50
 Q4801375	ProPEX EP Opposing-port Tee 1¼" x 1¼" x ¾" x ¾"	1	\$27.25
 Q4801575	ProPEX EP Opposing-port Tee 1½" x 1½" x ¾" x ¾"	1	\$45.75
 Q4802075	ProPEX EP Opposing-port Tee 2" x 2" x ¾" x ¾"	1	\$77.50

Radiant and hydronic piping systems

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 ½" PEX	25	\$1.30
Q4536363	ProPEX Brass Plug for ⅝" PEX	10	\$10.80
Q4350750	ProPEX EP Plug for ¾" PEX	25	\$2.05
Q4351000	ProPEX EP Plug for 1" PEX	10	\$2.70
Q4351250	ProPEX EP Plug for 1¼" PEX	1	\$14.90
Q4351500	ProPEX EP Plug for 1½" PEX	1	\$23.00
Q4352000	ProPEX EP Plug for 2" PEX	1	\$27.15

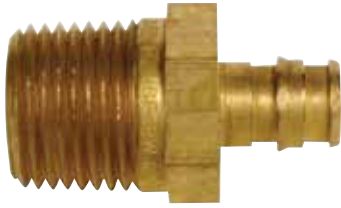
ProPEX plugs



Radiant and hydronic piping systems

ProPEX adapters









ProPEX brass male threaded adapters



ProPEX LF brass and brass male threaded adapters connect Uponor PEX tubing to male NPT threads for transitioning from metal to PEX.

Note: ProPEX LF brass is intended for lead-free, potable-plumbing applications; ProPEX brass is intended for non-potable heating and cooling applications.

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	\$12.50
 Q5525050	ProPEX Brass Male Threaded Adapter, 1/2" PEX x 1/2" NPT	25	\$3.40
LF4525075	ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 3/4" NPT	25	\$15.25
Q4526375	ProPEX Brass Male Threaded Adapter, 5/8" PEX x 3/4" NPT	10	\$9.35
 Q5527575	ProPEX Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$6.15
 Q5527510	ProPEX Brass Male Threaded Adapter, 3/4" PEX x 1" NPT	10	\$13.35
 Q5521075	ProPEX Brass Male Threaded Adapter, 1" PEX x 3/4" NPT	10	\$13.35
 Q5521010	ProPEX Brass Male Threaded Adapter, 1" PEX x 1" NPT	10	\$12.70
 Q5521313	ProPEX Brass Male Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	1	\$29.55
 Q5521515	ProPEX Brass Male Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	1	\$39.50
 Q5522020	ProPEX Brass Male Threaded Adapter, 2" PEX x 2" NPT	1	\$117.60
LF4522525	ProPEX LF Brass Male Threaded Adapter, 2 1/2" PEX x 2 1/2" NPT	1	\$425.00
LF4523030	ProPEX LF Brass Male Threaded Adapter, 3" PEX x 3" NPT	1	\$620.00

Radiant and hydronic piping systems

ProPEX LF brass and brass female threaded adapters connect Uponor PEX tubing to female NPT threads for transitioning from metal to PEX.

Note: ProPEX LF brass is intended for lead-free, potable-plumbing applications; ProPEX brass is intended for non-potable heating and cooling applications.

Note: ProPEX tool is required. ProPEX rings sold separately

ProPEX brass female threaded adapters



Part no.	Part description	Pkg. qty.	List price/ ea.
NEW Q5575050	ProPEX Brass Female Threaded Adapter, 1/2" PEX x 1/2" NPT	25	\$6.80
LF4575075	ProPEX LF Brass Female Threaded Adapter, 1/2" PEX x 3/4" NPT	25	\$19.40
Q4576375	ProPEX Brass Female Threaded Adapter, 5/8" PEX x 3/4" NPT	10	\$9.25
NEW Q5577575	ProPEX Brass Female Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$7.60
NEW Q5577510	ProPEX Brass Female Threaded Adapter, 3/4" PEX x 1" NPT	10	\$24.25
NEW Q5571010	ProPEX Brass Female Threaded Adapter, 1" PEX x 1" NPT	10	\$16.50
NEW Q5571313	ProPEX Brass Female Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	1	\$30.30
NEW Q5571515	ProPEX Brass Female Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	1	\$64.65
NEW Q5572020	ProPEX Brass Female Threaded Adapter, 2" PEX x 2" NPT	1	\$145.05

Radiant and hydronic piping systems

ProPEX brass sweat adapters



ProPEX LF brass and brass sweat adapters transition Uponor PEX tubing to copper pipe.

Note: ProPEX LF brass is intended for lead-free, potable-plumbing applications; ProPEX brass is intended for non-potable heating and cooling applications.

Note: ProPEX tool is required. ProPEX rings sold separately.

Part no.	Part description	Pkg. qty.	List price/ea.
LF4513850	ProPEX LF Brass Sweat Adapter, 3/8" PEX x 1/2" Copper	25	\$9.80
NEW Q5515050	ProPEX Brass Sweat Adapter, 1/2" PEX x 1/2" Copper	25	\$2.40
LF4515075	ProPEX LF Brass Sweat Adapter, 1/2" PEX x 3/4" Copper	25	\$8.25
Q4516350	ProPEX Brass Sweat Adapter, 5/8" PEX x 1/2" Copper	10	\$8.35
Q4516375	ProPEX Brass Sweat Adapter, 5/8" PEX x 3/4" Copper	10	\$6.30
NEW Q5517550	ProPEX Brass Sweat Adapter, 3/4" PEX x 1/2" Copper	25	\$8.90
NEW Q5517575	ProPEX Brass Sweat Adapter, 3/4" PEX x 3/4" Copper	25	\$5.45
NEW Q5517510	ProPEX Brass Sweat Adapter, 3/4" PEX x 1" Copper	10	\$10.90
NEW Q5511010	ProPEX Brass Sweat Adapter, 1" PEX x 1" Copper	10	\$9.05
NEW Q5511313	ProPEX Brass Sweat Adapter, 1 1/4" PEX x 1 1/4" Copper	1	\$24.70
NEW Q5511515	ProPEX Brass Sweat Adapter, 1 1/2" PEX x 1 1/2" Copper	1	\$37.80
NEW Q5512020	ProPEX Brass Sweat Adapter, 2" PEX x 2" Copper	1	\$105.85
LF4512525	ProPEX LF Brass Sweat Adapter, 2 1/2" PEX x 2 1/2" Copper	1	\$365.00
LF4513030	ProPEX LF Brass Sweat Adapter, 3" PEX x 3" Copper	1	\$575.00

Radiant and hydronic piping systems

ProPEX LF brass and brass fitting adapters transition Uponor PEX tubing to copper fittings.









Note: ProPEX LF brass is intended for lead-free, potable-plumbing applications; ProPEX brass is intended for non-potable heating and cooling applications.

Note: ProPEX tool is required. ProPEX rings sold separately.

Note: These fittings are not intended to be used as a direct copper press to ProPEX adapter.

ProPEX brass fitting adapters










Part no.	Part description	Pkg. qty.	List price/ea.
 Q5505050	ProPEX Brass Fitting Adapter, 1/2" PEX x 1/2" Copper	25	\$2.35
LF4505075	ProPEX LF Brass Fitting Adapter, 1/2" PEX x 3/4" Copper	25	\$8.15
Q4506350	ProPEX Brass Fitting Adapter, 5/8" PEX x 1/2" Copper	10	\$5.90
Q4506375	ProPEX Brass Fitting Adapter, 5/8" PEX x 3/4" Copper	10	\$5.45
 Q5507550	ProPEX Brass Fitting Adapter, 3/4" PEX x 1/2" Copper	25	\$9.70
 Q5507575	ProPEX Brass Fitting Adapter, 3/4" PEX x 3/4" Copper	25	\$5.15
 Q5507510	ProPEX Brass Fitting Adapter, 3/4" PEX x 1" Copper	10	\$10.50
 Q5501010	ProPEX Brass Fitting Adapter, 1" PEX x 1" Copper	10	\$9.85
 Q5501313	ProPEX Brass Fitting Adapter, 1 1/4" PEX x 1 1/4" Copper	1	\$21.80
 Q5501515	ProPEX Brass Fitting Adapter, 1 1/2" PEX x 1 1/2" Copper	1	\$35.95
 Q5502020	ProPEX Brass Fitting Adapter, 2" PEX x 2" Copper	1	\$105.85

Radiant and hydronic piping systems

ProPEX LF brass IPS groove fitting adapters

ProPEX LF brass iron pipe size (IPS) groove fitting adapters provide a direct connection to groove connections designed to meet CSA B242-05. These fittings are IPS on the groove connection side.







Part no.	Part description	Pkg. qty.	List price/ea.
 LFV2972020	ProPEX LF Brass Groove Fitting Adapter, 2" PEX x 2" IPS Groove	1	\$86.00
 LFV2972025	ProPEX LF Brass Groove Fitting Adapter, 2" PEX x 2½" IPS Groove	1	\$87.00
 LFV2972520	ProPEX LF Brass Groove Fitting Adapter, 2½" PEX x 2" IPS Groove	1	\$128.00
 LFV2972525	ProPEX LF Brass Groove Fitting Adapter, 2½" PEX x 2½" IPS Groove	1	\$130.00
 LFV2972530	ProPEX LF Brass Groove Fitting Adapter, 2½" PEX x 3" IPS Groove	1	\$165.00
 LFV2973025	ProPEX LF Brass Groove Fitting Adapter, 3" PEX x 2½" IPS Groove	1	\$175.00
 LFV2973030	ProPEX LF Brass Groove Fitting Adapter, 3" PEX x 3" IPS Groove	1	\$190.00

ProPEX LF brass CTS groove fitting adapters

ProPEX LF brass copper tube size (CTS) groove fitting adapters provide a direct connection to groove connections designed to meet CSA B242-05. These fittings are CTS on the groove connection side.



Part no.	Part description	Pkg. qty.	List price/ea.
 LFV2962020	ProPEX LF Brass Groove Fitting Adapter, 2" PEX x 2" CTS Groove	1	\$86.00
 LFV2962025	ProPEX LF Brass Groove Fitting Adapter, 2" PEX x 2½" CTS Groove	1	\$87.00
 LFV2962525	ProPEX LF Brass Groove Fitting Adapter, 2½" PEX x 2½" CTS Groove	1	\$130.00
 LFV2963030	ProPEX LF Brass Groove Fitting Adapter, 3" PEX x 3" CTS Groove	1	\$190.00

Radiant and hydronic piping systems

ProPEX LF brass CPVC spigot adapters transition Uponor PEX tubing to CPVC (CTS) fittings.

Note: ProPEX tool is required. ProPEX rings sold separately.

Note: Follow all CPVC manufacturer's instructions for proper CPVC connections.

Part no.	Part description	Pkg. qty.	List price/ea.
CP4501313	ProPEX LF Brass x CPVC Spigot Adapter, 1¼" PEX x 1¼" CPVC (CTS)	1	\$59.20
CP4501515	ProPEX LF Brass x CPVC Spigot Adapter, 1½" PEX x 1½" CPVC (CTS)	1	\$76.50
CP4502020	ProPEX LF Brass x CPVC Spigot Adapter, 2" PEX x 2" CPVC (CTS)	1	\$123.90

ProPEX LF brass CPVC spigot adapters



ProPEX LF brass CPVC socket adapters transition Uponor PEX tubing to CPVC (CTS) pipe.

Note: ProPEX tool is required. ProPEX rings sold separately.

Note: Follow all CPVC manufacturer's instructions for proper CPVC connections.

Part no.	Part description	Pkg. qty.	List price/ea.
CP4511313	ProPEX LF Brass x CPVC Socket Adapter, 1¼" PEX x 1¼" CPVC (CTS)	1	\$59.20
CP4511515	ProPEX LF Brass x CPVC Socket Adapter, 1½" PEX x 1½" CPVC (CTS)	1	\$76.50
CP4512020	ProPEX LF Brass x CPVC Socket Adapter, 2" PEX x 2" CPVC (CTS)	1	\$123.90

ProPEX LF brass CPVC socket adapters



ProPEX LF brass CPVC spigot adapter kits transition from either CTS or IPS CPVC to Uponor PEX piping systems.

Part no.	Part description	Pkg. qty.	List price/ea.
CP4501300	ProPEX LF Brass x CPVC Spigot Adapter Kit, 1¼" PEX x 1¼" CPVC (IPS or CTS)	1	\$62.30
CP4501500	ProPEX LF Brass x CPVC Spigot Adapter Kit, 1½" PEX x 1½" CPVC (IPS or CTS)	1	\$80.40
CP4502000	ProPEX LF Brass x CPVC Spigot Adapter Kit, 2" PEX x 2" CPVC (IPS or CTS)	1	\$128.00

ProPEX LF brass CPVC spigot adapter kits



ProPEX LF brass flange adapter kits are available for 2½" and 3" PEX pipe sizes. The kits include a ProPEX adapter, a flange adapter and four nuts and bolts. The flanges carry a 150-lb. rating.

Part no.	Part description	Pkg. qty.	List price/ea.
LF2982525	ProPEX LF Brass Flange Adapter Kit, 2½" PEX (150 lb.)	1	\$589.00
LF2983030	ProPEX LF Brass Flange Adapter Kit, 3" PEX (150 lb.)	1	\$795.00

ProPEX LF brass flange adapter kits



Radiant and hydronic piping systems

Tubing transition fittings

QS-style coupling nipples



QS-style brass coupling nipples and the appropriate fitting assemblies connect $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ " or $\frac{3}{4}$ " Uponor PEX tubing together.

Part no.	Part description	Pkg. qty.	List price/ea.
A4322020	QS-style Coupling Nipple, R20 x R20	10	\$10.55
A4322525	QS-style Coupling Nipple, R25 x R25 (for $\frac{3}{4}$ " and $\frac{5}{8}$ " tubing only)	10	\$17.95

QS-style conversion nipples



QS-style brass conversion nipples and the appropriate fittings connect $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ " or $\frac{3}{4}$ " Uponor PEX 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	\$10.05
A4322075	QS-style Conversion Nipple, R20 x $\frac{3}{4}$ " NPT	10	\$10.40
A4322575	QS-style Conversion Nipple, R25 x $\frac{3}{4}$ " NPT (for $\frac{3}{4}$ " tubing only)	10	\$12.50

QS-style copper adapters



QS-style copper adapters (R20 or R25) and appropriate QS-style fitting assemblies 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	\$11.30
A4332075	QS-style Copper Adapter, R20 x $\frac{3}{4}$ " Copper	10	\$8.75
A4332575	QS-style Copper Adapter, R25 x $\frac{3}{4}$ " Copper (for $\frac{3}{4}$ " and $\frac{5}{8}$ " tubing only)	10	\$14.20

QS-style copper fitting adapters



QS-style copper fitting adapters and appropriate QS-style fitting assemblies 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	\$11.25
A4342075	QS-style Copper Fitting Adapter, R20 x $\frac{3}{4}$ " Copper	10	\$8.20
A4342575	QS-style Copper Fitting Adapter, R25 X $\frac{3}{4}$ " Copper (for $\frac{3}{4}$ " and $\frac{5}{8}$ " tubing only)	10	\$23.10
A4342510	QS-style Copper Fitting Adapter, R25 X 1" Copper (for $\frac{3}{4}$ " and $\frac{5}{8}$ " tubing only)	10	\$12.75

Repair couplings



Use $\frac{5}{16}$ " repair couplings 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 couplings section on **pages 98-99**. EP couplings are suitable for direct burial.

Part no.	Part description	Pkg. qty.	List price/ea.
A4010313	$\frac{5}{16}$ " Repair Coupling	10	\$28.05

Radiant and hydronic piping systems

Baseboard fittings

QS-style brass baseboard elbows connect ½", ⅝" and ¾" Uponor PEX tubing to ¾" 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 ¾" Copper Adapter	10	\$14.25
A4372075	QS-style Baseboard Elbow, R20 x ¾" Copper Fitting Adapter	10	\$23.00

QS-style brass baseboard tees connect ½" and ⅝" Uponor PEX tubing to ¾" copper baseboard (includes ⅛" threads for air vent).

Part no.	Part description	Pkg. qty.	List price/ea.
A4392075	QS-style Baseboard Tee, R20 x ¾" Copper Adapter	10	\$21.95

ProPEX brass baseboard elbows connect ½", ⅝" and ¾" Uponor PEX tubing products to ¾" copper baseboard.

Note: ProPEX tool is required. ProPEX rings sold separately.

Part no.	Part description	Pkg. qty.	List price/ea.
Q4385075	ProPEX Baseboard Elbow, ½" PEX x ¾" Copper Adapter	10	\$9.40
Q4386375	ProPEX Baseboard Elbow, ⅝" PEX x ¾" Copper Adapter	10	\$10.05
Q4387575	ProPEX Baseboard Elbow, ¾" PEX x ¾" Copper Adapter	10	\$10.65
Q4375075	ProPEX Baseboard Elbow, ½" PEX x ¾" Copper Fitting Adapter	10	\$9.40
Q4376375	ProPEX Baseboard Elbow, ⅝" PEX x ¾" Copper Fitting Adapter	10	\$10.05
Q4377575	ProPEX Baseboard Elbow, ¾" PEX x ¾" Copper Fitting Adapter	10	\$10.65

ProPEX brass baseboard tees connect ½", ⅝" and ¾" Uponor PEX tubing products to ¾" copper baseboard (includes ⅛" threads for air vent). Air vent is not included.

Part no.	Part description	Pkg. qty.	List price/ea.
Q4395075	ProPEX Baseboard Tee, ½" PEX x ¾" Copper Adapter with ⅛" vent tapping	10	\$9.40
Q4396375	ProPEX Baseboard Tee, ⅝" PEX x ¾" Copper Adapter with ⅛" vent tapping	10	\$10.05
Q4397575	ProPEX Baseboard Tee, ¾" PEX x ¾" Copper Adapter with ⅛" vent tapping	10	\$10.65

QS-style baseboard elbows and tees



ProPEX baseboard elbows and tees



Radiant and hydronic piping systems

MLC press fittings

MLC press fitting brass couplings

MLC press fitting brass couplings connect two pieces of MLC tubing.

Note: Mini-press battery tools or MLC press fitting manual tools are 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	\$14.95
D4546363	MLC Press Fitting Brass Coupling, 5/8" MLC Tubing x 5/8" MLC Tubing	10	\$19.15
D4547575	MLC Press Fitting Brass Coupling, 3/4" MLC Tubing x 3/4" MLC Tubing	10	\$21.55
D4541010	MLC Press Fitting Brass Coupling, 1" MLC Tubing x 1" MLC Tubing	10	\$31.15

MLC press fitting brass elbows

MLC press fitting brass elbows make 90-degree connections for MLC tubing.

Note: Mini-press battery tools or MLC press fitting manual tools are 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	\$14.45
D4710750	MLC Press Fitting Brass Elbow, 3/4" MLC Tubing x 3/4" MLC Tubing	10	\$27.25
D4711000	MLC Press Fitting Brass Elbow, 1" MLC Tubing x 1" MLC Tubing	10	\$73.65

MLC press fitting brass tees

MLC press fitting brass tees make diverting connections for MLC tubing in supply and return mains.

Note: Mini-press battery tools or MLC press fitting manual tools are 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	\$30.40
D4701010	MLC Press Fitting Brass Tee, 1" MLC Tubing x 1" MLC Tubing x 1" MLC Tubing	10	\$41.60
D4707550	MLC Press Fitting Brass Reducing Tee, 3/4" MLC Tubing x 3/4" MLC Tubing x 1/2" MLC Tubing	10	\$43.45
D4701150	MLC Press Fitting Brass Reducing Tee, 1" MLC Tubing x 1" MLC Tubing x 1/2" MLC Tubing	10	\$35.40
D4701175	MLC Press Fitting Brass Reducing Tee, 1" MLC Tubing x 1" MLC Tubing x 3/4" MLC Tubing	10	\$36.45

Radiant and hydronic piping systems

MLC press fitting brass male threaded adapters connect MLC tubing to male NPT threads.

Note: Mini-press battery tools or MLC press fitting manual tools are 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	\$26.30
D4526375	MLC Press Fitting Brass Male Threaded Adapter, 5/8" MLC Tubing x 3/4" NPT	10	\$23.35
D4527575	MLC Press Fitting Brass Male Threaded Adapter, 3/4" MLC Tubing x 3/4" NPT	10	\$27.40
D4527510	MLC Press Fitting Brass Male Threaded Adapter, 3/4" MLC Tubing x 1" NPT	10	\$28.45
D4521010	MLC Press Fitting Brass Male Threaded Adapter, 1" MLC Tubing x 1" NPT	10	\$32.95

MLC press fitting brass male threaded adapters



MLC press fitting brass female threaded adapters connect MLC tubing to female NPT threads.

Note: Mini-press battery tools or MLC press fitting manual tools are 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	\$28.60
D4576375	MLC Press Fitting Brass Female Threaded Adapter, 5/8" MLC Tubing x 3/4" NPT	10	\$22.50
D4577575	MLC Press Fitting Brass Female Threaded Adapter, 3/4" MLC Tubing x 3/4" NPT	10	\$25.35
D4577510	MLC Press Fitting Brass Female Threaded Adapter, 3/4" MLC Tubing x 1" NPT	10	\$32.35
D4571010	MLC Press Fitting Brass Female Threaded Adapter, 1" MLC Tubing x 1" NPT	10	\$53.50

MLC press fitting brass female threaded adapters



Radiant and hydronic piping systems

MLC press fitting brass sweat adapters



MLC press fitting brass sweat adapters transition MLC tubing to copper pipe. Fittings come disassembled for sweating.

Note: Mini-press battery tools or MLC press fitting manual tools are 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	\$16.50
D4515075	MLC Press Fitting Brass Adapter, 1/2" MLC Tubing x 3/4" Copper	10	\$11.95
D4516375	MLC Press Fitting Brass Adapter, 5/8" MLC Tubing x 3/4" Copper	10	\$21.55
D4517575	MLC Press Fitting Brass Adapter, 3/4" MLC Tubing x 3/4" Copper	10	\$26.15
D4517510	MLC Press Fitting Brass Adapter, 3/4" MLC Tubing x 1" Copper	10	\$21.85
D4511010	MLC Press Fitting Brass Adapter, 1" MLC Tubing x 1" Copper	10	\$21.35

MLC press fitting brass fitting adapters



MLC press fitting brass fitting adapters transition MLC tubing to copper fittings. Fittings come disassembled for sweating.

Note: Mini-press battery tools or MLC press fitting manual tools are 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	\$28.35
D4505075	MLC Press Fitting Brass Fitting Adapter, 1/2" MLC Tubing x 3/4" Copper	10	\$11.55
D4506375	MLC Press Fitting Brass Fitting Adapter, 5/8" MLC Tubing x 3/4" Copper	10	\$19.80
D4507575	MLC Press Fitting Brass Fitting Adapter, 3/4" MLC Tubing x 3/4" Copper	10	\$15.80
D4507510	MLC Press Fitting Brass Fitting Adapter, 3/4" MLC Tubing x 1" Copper	10	\$30.05
D4501010	MLC Press Fitting Brass Fitting Adapter, 1" MLC Tubing x 1" Copper	10	\$21.60

MLC press fitting manifold adapters



MLC press fitting manifold adapters transition R32 manifold connections to 5/8", 3/4" and 1" MLC tubing.

Note: Mini-press battery tools or MLC press fitting manual tools are required.

Part no.	Part description	Pkg. qty.	List price/ea.
D4143263	MLC Press Fitting Manifold Straight Adapter, R32 x 5/8" MLC Press Fitting	10	\$33.30
D4143275	MLC Press Fitting Manifold Straight Adapter, R32 x 3/4" MLC Press Fitting	10	\$30.45
D4143210	MLC Press Fitting Manifold Straight Adapter, R32 x 1" MLC Press Fitting	10	\$31.45
D4153263	MLC Press Fitting Manifold Elbow Adapter, R32 x 5/8" MLC Press Fitting	10	\$36.45
D4153275	MLC Press Fitting Manifold Elbow Adapter, R32 x 3/4" MLC Press Fitting	10	\$39.40
D4153210	MLC Press Fitting Manifold Elbow Adapter, R32 x 1" MLC Press Fitting	10	\$35.80

Radiant and hydronic piping systems

MLC press fitting baseboard elbows connect 1/2", 5/8" and 3/4" MLC tubing to 3/4" copper baseboard. Fittings come disassembled for soldering.

MLC press fitting baseboard elbows

Part no.	Part description	Pkg. qty.	List price/ea.
D4385075	MLC Press Fitting Baseboard Elbow, 1/2" MLC Tubing x 3/4" Copper Adapter	10	\$32.00
D4386375	MLC Press Fitting Baseboard Elbow, 5/8" MLC Tubing x 3/4" Copper Adapter	10	\$24.85
D4387575	MLC Press Fitting Baseboard Elbow, 3/4" MLC Tubing x 3/4" Copper Adapter	10	\$24.35
D4375075	MLC Press Fitting Baseboard Elbow, 1/2" MLC Tubing x 3/4" Copper Fitting Adapter	10	\$23.65
D4376375	MLC Press Fitting Baseboard Elbow, 5/8" MLC Tubing x 3/4" Copper Fitting Adapter	10	\$23.65
D4377575	MLC Press Fitting Baseboard Elbow, 3/4" MLC Tubing x 3/4" Copper Fitting Adapter	10	\$23.65



MLC press fitting baseboard tees connect 1/2" and 5/8" MLC tubing to 3/4" copper baseboard. Tees feature 1/8" thread for air vent. Fittings come disassembled for soldering.

MLC press fitting baseboard tees

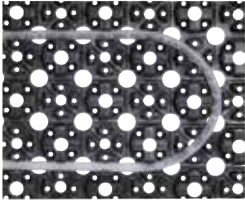
Part no.	Part description	Pkg. qty.	List price/ea.
D4395075	MLC Press Fitting Baseboard Tee, 1/2" MLC Tubing x 3/4" Copper Adapter	10	\$24.70
D4396375	MLC Press Fitting Baseboard Tee, 5/8" MLC Tubing x 3/4" Copper Adapter	10	\$24.70



Radiant and hydronic piping systems

Heat-transfer panels and plates

Fast Trak™



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 ⅝" 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 ¾" 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.

Fast Trak 0.5



Part no.	Part description	Panel coverage	Pkg. qty.	List price/ea.
A5090313	Fast Trak 0.5	8.3 ft ² /panel	20	\$27.80
A5090500	Fast Trak 1.3i	12.1 ft ² /panel	18	\$31.30
A5091000	Fast Trak Edge Strip, 65-ft. roll	N/A	10	\$34.50

Joist Trak™



Joist Trak™ extruded aluminum heat transfer panels use ⅜" or ½" Uponor PEX in floor joist applications. Each panel is 4' x 3½" and comes packaged 20 per box. They provide easy installation, increased heat transfer and superior comfort.

Note: Screws not included.

Part no.	Part description	Pkg. qty.	List price/ea.
A5080375	Joist Trak, ⅜" Heat Transfer Panel	20	\$12.90
A5080500	Joist Trak, ½" Heat Transfer Panel	20	\$12.90

Quik Trak®



Quik Trak® ½" x 4' plywood panels are attached to an aluminum heat transfer sheet. Use with ⅝" Wirsbo hePEX tubing only. A fully assembled set consists 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	\$14.95
A5060761	Quik Trak 7" x 48" x 6 Panels (fully assembled set)	1	\$100.15

Quik Trak return panels



Quik Trak return panels are designed with a U-shaped groove to complete tubing turns. Each return panel Quik Trak return panels is shipped with a separate aluminum sheet for installation beneath the panel. Use with ⅝" Wirsbo hePEX tubing only.

Part no.	Part description	Pkg. qty.	List price/ea.
A5060702	Quik Trak 7" x 48" Return Panels	10	\$21.70

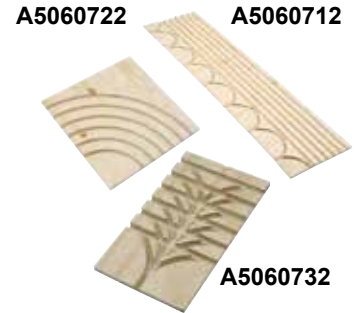
\$ Price reduced

Radiant and hydronic piping systems

Quik Trak combo panels simplify 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 $\frac{5}{16}$ " 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	\$49.75
A5060722	Quik Trak 12" x 12" Combo 90, 6 runs	5	\$13.80
A5060732	Quik Trak 7" x 12" Combo Access Panel, 6 runs with 1 access	6	\$13.35

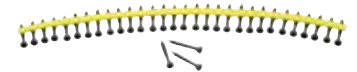
Quik Trak combo panels



The $1\frac{1}{4}$ " screws are designed specifically for Quik Trak installations using $\frac{3}{4}$ " subfloors.

Part no.	Part description	Pkg. qty.	List price/ea.
E6051250	Quik Trak Screws ($1\frac{1}{4}$ "), 2,500/pkg.	1	\$275.65

Quik Trak screws



Quik Trak sealants are 100% silicone and provide good thermal transfer. Use to adhere $\frac{5}{16}$ " 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	\$17.25

Quik Trak sealants



Quik Trak installation tool kits offer labor-saving speed for Quik Trak installations. The kits feature a lightweight, easy-to-use screw gun with an extension arm to reduce fatigue. The kits include a 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	\$1,315.50
E6050005	Quik Drive Bits (set of 3 square drive bits)	1	\$31.05

Quik Trak installation tool kits



Radiant and hydronic piping systems

Tools and accessories



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

- Tube uncoilers: **page 137**
- Tube cutters: **page 137-138**
- Fitting handling: **page 138**
- ProPEX tools and accessories: **pages 139-140**
- MLC press fitting tools and accessories: **pages 141-142**
- Other tools: **page 142**
- Tubing supports: **pages 143-144**
- Fasteners, fastener tools and protectors: **pages 145-148**



Wolf Ridge Environmental Learning Center

Finland, MN

Project highlights:

- K-12 school and learning center
- 1,020 feet of Ecoflex® for district heating application
- Ecoflex proven superior compared to previous pipe
- Improved heat transfer performance by 34%
- Corrugated HDPE jacket; no breakdown of insulation
- Flexible pipe ideal option for wooded terrain/shallow bedrock

Project data:

- 600 feet of 3" Ecoflex Thermal Single
- 420 feet of 2" Ecoflex Thermal Twin

To learn more about this case study, visit [uponorpro.com/casestudies](https://www.uponorpro.com/casestudies).

Pre-insulated piping systems

Pre-insulated piping systems

Ecoflex custom manufactured products

Uponor offers 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 subject to \$500.00 (list) setup fee
 - Varied service pipes
 - Conduit line(s)
 - Freeze protection
- Alternative applications-based products
 - Biomass/biogas
 - Geothermal
 - Mining, oil and gas industries
 - District energy
 - Chilled water

Ecoflex terms and conditions

- Less than full coils of Ecoflex are subject to a cut charge of \$250 (list) per short coil. Longer coil lengths may be available upon request.
- Uponor fittings and EPDM rubber end caps are required at all pipe ends to ensure insulation integrity.

Ecoflex freight policy

- Standard Uponor freight terms apply to Ecoflex pipe coils and accessories.
- All products shall be delivered FOB Uponor's dock unless otherwise agreed in writing by the parties. Orders containing Ecoflex coils will ship F.O.B, class 250 freight. All orders in excess of \$6,000 net shall be shipped direct to distributor's warehouse

or jobsite at a single location in the continental United States, freight prepaid, unless otherwise agreed in writing by the parties. Uponor reserves the right to designate the method of carriage and the carrier. Uponor will not drop ship products outside distributor's trade zone.

- For shipments outside the continental 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 arrangements and charges.

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 uncoilers

Ecoflex uncoilers are available to lease for qualified orders. Call Uponor Customer Service at 888.594.7726 for details.



Ecoflex thermal

Ecoflex thermal single pipes are designed for fluid transfer in heating and cooling applications. The Wirsbo hePEX service pipe in Ecoflex thermal single piping is manufactured by the Engel-method (PEX-a) process and is 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 pipe is surrounded by multi-layer, closed-cell, PEX-foam insulation and a water-resistant, corrugated HDPE jacket, making it ideal for direct-burial applications.

Note: Use ProPEX fittings up to 3" or WIPEX fittings for the whole range.

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

Product listings: cNSFus-rfh, cNSFus-pw, PEX 5106

Ecoflex thermal single pipes



Part no.	Part description	List price/ft.	Full coil dimension	Full coil length	List price/coil
5012775	¾" Thermal Single with 2.7" Jacket, 1,000-ft. coil	\$7.90	75" x 31"	1,000'	\$7,900.00
5012710	1" Thermal Single with 2.7" Jacket, 1,000-ft. coil	\$8.95	75" x 31"	1,000'	\$8,950.00
5015510	1" Thermal Single with 5.5" Jacket, 600-ft. coil	\$27.35	83" x 53"	600'	\$16,410.00
5015513	1¼" Thermal Single with 5.5" Jacket, 500-ft. coil	\$31.35	83" x 44"	500'	\$15,675.00
5016915	1½" Thermal Single with 6.9" Jacket, 300-ft. coil	\$42.40	78" x 49"	300'	\$12,720.00
5016920	2" Thermal Single with 6.9" Jacket, 300-ft. coil	\$48.55	78" x 49"	300'	\$14,565.00
5016925	2½" Thermal Single with 6.9" Jacket, 300-ft. coil	\$55.20	78" x 49"	300'	\$16,560.00
5017930	3" Thermal Single with 7.9" Jacket, 300-ft. coil	\$71.50	84" x 53"	300'	\$21,450.00
5017935	3½" Thermal Single with 7.9" Jacket, 300-ft. coil	\$78.85	84" x 53"	300'	\$23,655.00
5017940	4" Thermal Single with 7.9" Jacket, 300-ft. coil	\$89.05	86" x 53"	300'	\$26,715.00

Pre-insulated piping systems

Ecoflex thermal twin pipes



Ecoflex thermal twin pipes are designed for fluid transfer in heating and cooling applications. The Wirsbo hePEX service pipes in Ecoflex thermal twin 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 pipe is surrounded by multi-layer, closed-cell, PEX-foam insulation and a water-resistant, corrugated HDPE jacket, making it ideal for direct-burial applications.

Note: Use ProPEX fittings up to 3" or WIPEX fittings for the whole range.

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

Product listings: cNSFus-rfh, cNSFus-pw, PEX 5106

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	\$38.20	93" x 64"	600'	\$22,920.00
5025513	1¼" Thermal Twin Jr. with 5.5" Jacket, 600-ft. coil	\$21.00	83" x 55"	600'	\$12,600.00
5026913	1¼" Thermal Twin with 6.9" Jacket, 500-ft. coil	\$41.35	93" x 53"	500'	\$20,675.00
5026915	1½" Thermal Twin with 6.9" Jacket, 300-ft. coil	\$52.90	78" x 49"	300'	\$15,870.00
5027920	2" Thermal Twin with 7.9" Jacket, 300-ft. coil	\$76.25	84" x 53"	300'	\$22,875.00
5027925	2½" Thermal Twin with 7.9" Jacket, 300-ft. coil	\$94.45	84" x 53"	300'	\$28,335.00

Ecoflex potable

Ecoflex potable HDPE pipes feature high-density polyethylene (HDPE) service pipes in ASTM sizes. It is an 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 pipe is surrounded by multi-layer, closed-cell, PEX-foam insulation and a water-resistant, corrugated HDPE jacket, making it ideal for direct-burial applications.

Temperature and pressure ratings:

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

Note: Use standard SDR 11 HDPE fittings to connect the tubing.

Ecoflex potable HDPE pipes



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	\$29.25	72" x 42"	300'	\$8,775.00
5115515	1½" Potable HDPE with 5.5" Jacket, 300-ft. coil	\$32.25	72" x 42"	300'	\$9,675.00
5115520	2" Potable HDPE with 5.5" Jacket, 300-ft. coil	\$36.10	72" x 42"	300'	\$10,830.00
5116930	3" Potable HDPE with 6.9" Jacket, 300-ft. coil	\$53.95	78" x 49"	300'	\$16,185.00
5117940	4" Potable HDPE with 7.9" Jacket, 300-ft. coil	\$67.10	86" x 53"	300'	\$20,130.00

Pre-insulated piping systems

Ecoflex potable PEX single pipes



Ecoflex potable PEX single pipes are designed for potable-water distribution applications. 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 pipe is surrounded by multi-layer, closed-cell, PEX-foam insulation and a water-resistant, corrugated HDPE jacket, making it ideal for direct-burial applications.

Note: Use ProPEX fittings up to 3" or WIPEX fittings for the whole range.

Codes: UPC, IPC, NSPC, NPC of Canada

Manufacturing standards: ASTM F876, ASTM F877, CSA B137.5, NSF/ANSI Standard 14, NSF/ANSI Standard 61, AWWA C904

Product listings: cNSFus-pw, PEX 5106

Part no.	Part description	List price/ft.	Full coil dimension	Full coil length	List price/coil
5212775	¾" Potable PEX with 2.7" Jacket, 1,000-ft. coil	\$7.90	75" x 31"	1,000'	\$7,900.00
5212710	1" Potable PEX with 2.7" Jacket, 1,000-ft. coil	\$8.95	75" x 31"	1,000'	\$8,950.00
5215510	1" Potable PEX with 5.5" Jacket, 600-ft. coil	\$27.35	83" x 53"	600'	\$16,410.00
5215513	1¼" Potable PEX with 5.5" Jacket, 500-ft. coil	\$31.35	83" x 53"	500'	\$15,675.00
5216915	1½" Potable PEX with 6.9" Jacket, 300-ft. coil	\$42.40	78" x 49"	300'	\$12,720.00
5216920	2" Potable PEX with 6.9" Jacket, 300-ft. coil	\$47.15	78" x 49"	300'	\$14,145.00
5217930	3" Potable PEX with 7.9" Jacket, 300-ft. coil	\$71.50	84" x 53"	300'	\$21,450.00

Pre-insulated piping systems

Ecoflex potable PEX twin pipes are designed for potable-water distribution applications. 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 pipe is surrounded by multi-layer, closed-cell, PEX-foam insulation and a water-resistant, corrugated HDPE jacket, making it ideal for direct-burial applications.

Note: Use ProPEX fittings up to 3" or WIPEX fittings for the whole range.

Codes: UPC, IPC, NSPC, NPC of Canada

Manufacturing standards: ASTM F876, ASTM F877, CSA B137.5, NSF/ANSI Standard 14, NSF/ANSI Standard 61, AWWA C904

Product listings: cNSFus-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	\$38.20	93" x 64"	600'	\$22,920.00
5226913	1¼" Potable PEX Twin with 6.9" Jacket, 500-ft. coil	\$41.35	93" x 53"	500'	\$20,675.00
5226915	1½" Potable PEX Twin with 6.9" Jacket, 300-ft. coil	\$52.90	78" x 49"	300'	\$15,870.00
5227920	2" Potable PEX Twin with 7.9" Jacket, 300-ft. coil	\$76.25	86" x 53"	300'	\$22,875.00

Ecoflex potable PEX plus is a pre-insulated pipe with a heat trace wire applied on the pipe. This product features a self-regulating heat trace wire with a maximum output of 7W/ft. to keep the water from freezing. The Uponor AquaPEX service pipe in Ecoflex potable plus piping is manufactured by the Engel-method (PEX-a) process and is listed to ASTM F876 and F877. The pipe is surrounded by multi-layer, closed-cell, PEX-foam insulation and a water-resistant, corrugated HDPE jacket, making it ideal for direct-burial applications.

Note: Use ProPEX fittings.

Codes: UPC, IPC, NSPC, NPC of Canada, National Electrical Code, Canadian Electrical Code Part I

Manufacturing standards: ASTM F876, ASTM F877, CSA B137.5, ASTM 1960, NSF/ANSI Standard 41, NSF/ANSI Standard 61, AWWA C904

Product listings: cNSFus-pw, PEX 5106, CSA C22.2 No 130-03 (R2012), ANSI/IEEE 515-2011

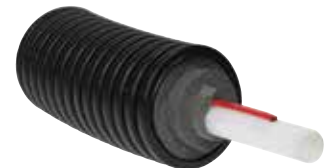
Part no.	Part description	List price/ft.	Full coil dimension	Full coil length	List price/coil
5455513	1-¼" Potable PEX Plus with 5.5" Jacket, 7 W/ft.	\$44.10	83" x 46"	300	\$13,230

Part no.	Part description	Pkg. qty.	List price/ea.
5992000	Heat-trace Power Supply, SF-P	1	\$401.10
5993000	Heat-trace End Seal, SF-E	1	\$53.55
5994000	Heat-trace Tee Splice, SF-T	1	\$406.35

Ecoflex potable PEX twin pipes



Ecoflex potable PEX plus pipes



Ecoflex potable PEX plus accessories



Heat-trace power supplies, SF-P



Heat-trace end seals, SF-E



Heat-trace tee splices, SF-T

Pre-insulated piping systems

Pre-insulated PEX pipes

Uponor's pre-insulated PEX pipe offering complies with ASHRAE 90.1-2013 and the 2012 International Energy Conservation Code (IECC). The pipe is available in ½" to 2" configurations with ½", 1", 1½" and 2" insulation that features manufactured sealed seams that run the entire length of the coil. Check with local code authorities regarding energy-code requirements for specific applications.

Pre-insulated Wirsbo hePEX coils



Part no.	Part description	Coils/pallet	List price/ea.
A6140500	½" Pre-insulated Wirsbo hePEX with ½" insulation, 100-ft. coil	7	\$391.40
A6140750	¾" Pre-insulated Wirsbo hePEX with ½" insulation, 100-ft. coil	7	\$473.80
A6141000	1" Pre-insulated Wirsbo hePEX with ½" insulation, 100-ft. coil	2	\$576.40
A6141250	1¼" Pre-insulated Wirsbo hePEX with ½" insulation, 100-ft. coil	2	\$885.80
A6141500	1½" Pre-insulated Wirsbo hePEX with ½" insulation, 100-ft. coil	2	\$1,076.35
A6142000	2" Pre-insulated Wirsbo hePEX with ½" insulation, 100-ft. coil	2	\$1,560.45
A6150500	½" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil	2	\$597.60
A6150750	¾" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil	2	\$690.10
A6151000	1" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil	2	\$849.75
A6151250	1¼" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil	2	\$1,158.75
A6160500	½" Pre-insulated Wirsbo hePEX with 1½" insulation, 100-ft. coil	2	\$803.40
A6160750	¾" Pre-insulated Wirsbo hePEX with 1½" insulation, 100-ft. coil	2	\$973.35
A6161000	1" Pre-insulated Wirsbo hePEX with 1½" insulation, 100-ft. coil	2	\$1,138.15
A6161250	1¼" Pre-insulated Wirsbo hePEX with 1½" insulation, 100-ft. coil	2	\$1,478.05
A6161500	1½" Pre-insulated Wirsbo hePEX with 1½" insulation, 75-ft. coil	2	\$1,348.00
A6162000	2" Pre-insulated Wirsbo hePEX with 1½" insulation, 75-ft. coil	2	\$1,645.45
A6171500	1½" Pre-insulated Wirsbo hePEX with 2" insulation, 50-ft. coil	2	\$1,073.80
A6172000	2" Pre-insulated Wirsbo hePEX with 2" insulation, 50-ft. coil	2	\$1,375.05

Pre-insulated Uponor AquaPEX coils



Part no.	Part description	Coils/pallet	List price/ea.
F6040500	½" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	3	\$357.20
F6150500	½" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	2	\$545.90
F6040750	¾" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	3	\$437.75
F6150750	¾" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	2	\$638.60
F6041000	1" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	5	\$532.95
F6151000	1" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	2	\$777.65
F6041250	1¼" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	5	\$867.10
F6151250	1¼" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	2	\$1,091.80
F6041500	1½" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	5	\$985.85
F6161500	1½" Pre-insulated Uponor AquaPEX with 1½" insulation, 75-ft. coil	2	\$1,205.10
F6042000	2" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	5	\$1,714.65
F6162000	2" Pre-insulated Uponor AquaPEX with 1½" insulation, 75-ft. coil	2	\$1,456.15

Pre-insulated piping systems

Part no.	Part description	List price/ea.
F6921250	1¼" Pre-insulated Uponor AquaPEX with ½" insulation, 20-ft. straight length, 100-ft.	\$867.10
F6921500	1½" Pre-insulated Uponor AquaPEX with ½" insulation, 20-ft. straight length, 100-ft.	\$985.85
F6922000	2" Pre-insulated Uponor AquaPEX with ½" insulation, 20-ft. straight length, 100-ft.	\$1,714.65

Pre-insulated Uponor AquaPEX straight lengths



Fittings

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

Codes: IMC, UMC

Manufacturing standards: CAN/CSA B137.5, ASTM F877

Part no.	Part description	Pkg. qty.	List price/ea.
5550010	WIPEX Fitting 1" PEX x 1" NPT	1	\$73.55
5550013	WIPEX Fitting 1¼" PEX x 1¼" NPT	1	\$79.65
5550015	WIPEX Fitting 1½" PEX x 1½" NPT	1	\$102.10
5550020	WIPEX Fitting 2" PEX x 2" NPT	1	\$143.05
5550025	WIPEX Fitting 2½" x 2" NPT	1	\$98.25
5550030	WIPEX Fitting 3" x 2½" NPT	1	\$160.30
5550035	WIPEX Fitting 3½" x 3" NPT	1	\$210.30
5550040	WIPEX Fitting 4" x 4" NPT	1	\$290.30

WIPEX fittings



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	\$111.30
5550102	WIPEX Sleeve Pliers 1½"-3½"	1	\$123.55
5550103	WIPEX Sleeve Pliers 3½"-4"	1	\$198.85

WIPEX sleeve pliers



Pre-insulated piping 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.

Single EPDM rubber end caps

Single EPDM rubber end caps are used with Ecoflex thermal single pipes, Ecoflex potable HDPE pipes and Ecoflex potable PEX single pipes.



Part no.	Part description	Pkg. qty.	List price/ea.
5852710	End Cap, ¾" and 1" Pipe with 2.7" Jacket	1	\$57.75
5855513	End Cap, 1" and 1¼" PEX Pipe with 5.5" Jacket	1	\$120.90
5855520	End Cap, 1¼", 1½" and 2" HDPE Pipe with 5.5" Jacket	1	\$131.40
5856930	End Cap, 1½", 2", 2½" PEX and 3" HDPE Pipe with 6.9" Jacket	1	\$144.60
5857940	End Cap, 3, 3½, 4" PEX and 4" HDPE pipe, 7.9" Jacket	1	\$162.95

Twin EPDM rubber end caps

Twin EPDM end caps are used with Ecoflex thermal twin pipes and Ecoflex potable PEX twin pipes.



Part no.	Part description	Pkg. qty.	List price/ea.
1018245	Twin End Cap, 1", 1¼", 1½" PEX Pipe with 5.5" Jacket (25mm, 32mm and 40mm)	1	\$117.60
5956915	Twin End Cap, 1", 1¼" and 1½" PEX Pipe with 6.9" Jacket	1	\$166.50
5957925	Twin End Cap, 2" and 2½" PEX Pipe with 7.9" Jacket	1	\$191.35

Pre-insulated piping systems

Accessories

Connection vaults provide a fully watertight, insulated enclosure for multiple straight-through and branch connections. Buried underground, connection vaults allow the system designer to virtually eliminate all branch connections typical in 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	\$2,725.70
1018327	Ecoflex Connection Vault, 8 outlet	1	\$3,198.20

Connection vaults



Shrink sleeves ensure a watertight seal between the Ecoflex pipe and the exterior of the connection vault. Shrink sleeves 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	\$114.90
1018380	Vault Shrink Sleeve for 6.9" Jacket	1	\$131.10
1018381	Vault Shrink Sleeve for 7.9" Jacket	1	\$135.05

Shrink sleeves for connection vaults



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	\$203.00

Shrinkable repair tape



Pre-insulated piping systems

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 ProPEX fittings and EPDM rubber end caps are required at all ends of the piping system to ensure system integrity.

Straight insulation kits



Straight insulation kits make 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	\$993.20

Elbow insulation kits



Elbow insulation kits make 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	\$1,020.50

Tee insulation kits



Tee insulation kits make 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	\$1,166.30

H-insulation kits



H-insulation kits allow 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	\$1,813.25

Pre-insulated piping systems

Reducer bushings are used to reduce the diameter from 5.5" to 2.7" inside the insulation kits.

Part no.	Part description	Pkg. qty.	List price/ea.
1007357	Reducer Bushing 5.5" to 2.7"	1	\$76.65

Reducer bushings



Wall-penetration accessories

Wall sleeves with heat shrink seal kits offer a simple installation for new-block construction or existing walls with irregular holes. 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.
1018266	Wall Sleeve with Heat Shrink for 2.7" Jacket	1	\$134.40
1018269	Wall Sleeve with Heat Shrink for 5.5" Jacket	1	\$300.40
1018268	Wall Sleeve with Heat Shrink for 6.9" and 7.9" Jackets	1	\$335.90

Wall sleeves with heat shrink seal kits



Compression wall seals are used with wall sleeves 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.
1007358	Compression Wall Seal for 2.7" Jacket	4.75"	1	\$429.45
1007360	Compression Wall Seal for 5.5" Jacket	8"	1	\$500.95
1007361	Compression Wall Seal for 6.9" Jacket	10"	1	\$601.20
1007362	Compression Wall Seal for 7.9" Jacket	10"	1	\$643.75

Compression wall seals



Pre-insulated piping systems

Accessory applications chart

Part number	Service pipe	Jacket size	WIPEX fitting	Rubber end cap	Tee	Straight	Elbow	Compression wall seal	Wall sleeve kit
Thermal single pipes									
5012775	¾"	2.7"	N/A	5852710	1021990 1007357	1021992 1007357	1021991 1007357	1007358	1018266
5012710	1"	2.7"	5550010	5852710	1021990 1007357	1021992 1007357	1021991 1007357	1007358	1018266
5015510	1"	5.5"	5550010	5855513	1021990	1021992	1021991	1007360	1018269
5015513	1¼"	5.5"	5550013	5855513	1021990	1021992	1021991	1007360	1018269
5016915	1½"	6.9"	5550015	5856930	1021990	1021992	1021991	1007361	1018268
5016920	2"	6.9"	5550020	5856930	1021990	1021992	1021991	1007361	1018268
5016925	2½"	6.9"	5550025	5856930	1021990	1021992	1021991	1007361	1018268
5017930	3"	7.9"	5550030	5857940	1021990	1021992	1021991	1007362	1018268
5017935	3½"	7.9"	5550035	5857940	1021990	1021992	1021991	1007362	1018268
5017940	4"	7.9"	5550040	5857940	1021990	1021992	1021991	1007362	1018268
Thermal twin pipes									
5026910	1"	6.9"	5550010	5956915	1021990	1021992	1021991	1007361	1018268
5025513	1¼"	5.5"	5550013	1018245	1021990	1021992	1021991	1007360	1018269
5026913	1¼"	6.9"	5550013	5956915	1021990	1021992	1021991	1007361	1018268
5026915	1½"	6.9"	5550015	5956915	1021990	1021992	1021991	1007361	1018268
5027920	2"	7.9"	5550020	5957925	1021990	1021992	1021991	1007362	1018268
5027925	2½"	7.9"	5550025	5957925	1021990	1021992	1021991	1007362	1018268
Potable HDPE pipes									
50115513	1¼"	5.5"	N/A	5855520	1021990	1021992	1021991	1007360	1018269
50115515	1½"	5.5"	N/A	5855520	1021990	1021992	1021991	1007360	1018269
50115520	2"	5.5"	N/A	5855520	1021990	1021992	1021991	1007360	1018269
50116930	3"	6.9"	N/A	5856930	1021990	1021992	1021991	1007361	1018268
50117940	4"	7.9"	N/A	5857940	1021990	1021992	1021991	1007362	1018268
Potable PEX single pipes									
5212775	¾"	2.7"	N/A	5852710	1021990 1007357	1021992 1007357	1021991 1007357	1007358	1018266
5212710	1"	2.7"	N/A	5852710	1021990 1007357	1021992 1007357	1021991 1007357	1007358	1018266
5215510	1"	5.5"	N/A	5855513	1021990	1021992	1021991	1007360	1018269
5215513	1¼"	5.5"	N/A	5855513	1021990	1021992	1021991	1007360	1018269
5216915	1½"	6.9"	N/A	5856930	1021990	1021992	1021991	1007361	1018268
5216920	2"	6.9"	N/A	5856930	1021990	1021992	1021991	1007361	1018268
5217930	3"	7.9"	N/A	5857940	1021990	1021992	1021991	1007362	1018268
Potable PEX twin pipes									
5226910	1"	6.9"	N/A	5956915	1021990	1021992	1021991	1007361	1018268
5226913	1¼"	6.9"	N/A	5956915	1021990	1021992	1021991	1007361	1018268
5226915	1½"	6.9"	N/A	5956915	1021990	1021992	1021991	1007361	1018268
5227920	2"	7.9"	N/A	5957925	1021990	1021992	1021991	1007362	1018268
Potable PEX plus pipes									
5455513	1¼"	5.5"	N/A	5855513	1021990	1021992	1021991	1007360	1018269

Pre-insulated piping systems

Weights and dimensions chart

Part number	Service pipe	Jacket	Coil length	Coil diameter	Coil width	Coil weight	Weight per foot
Thermal single pipes							
5012775	¾"	2.7"	1,000'	75"	31"	350 lbs.	0.35 lbs.
5012710	1"	2.7"	1,000'	75"	31"	380 lbs.	0.38 lbs.
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.
Thermal twin pipes							
5026910	1"	6.9"	600'	93"	64"	922 lbs.	1.54 lbs.
5025513	1¼"	5.5"	600'	83"	55"	768 lbs.	1.28 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.
Potable HDPE pipes							
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.
Potable PEX single pipes							
5212775	¾"	2.7"	1,000'	75"	31"	350 lbs.	0.35 lbs.
5212710	1"	2.7"	1,000'	75"	31"	380 lbs.	0.38 lbs.
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.
Potable PEX twin pipes							
5226910	1"	6.9"	600'	93"	64"	922 lbs.	1.54 lbs.
5226913	1"	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.
Potable PEX plus pipes							
5455513	1¼"	5.5"	300'	83"	46"	315 lbs.	1.05 lbs.

Pre-insulated piping systems

Tools and accessories



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

- Tube uncoilers: **page 137**
- Tube cutters: **page 137-138**
- Fitting handling: **page 138**
- ProPEX tools and accessories: **pages 139-140**
- MLC press fitting tools and accessories: **pages 141-142**
- Other tools: **page 142**
- Tubing supports: **pages 143-144**
- Fasteners, fastener tools and protectors: **pages 145-148**

Tube uncoilers

Select uncoilers facilitate 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	\$1,909.30

Select uncoilers



Tube uncoilers facilitate 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	\$533.05

Tube uncoilers



Tube cutters

Metal tube cutters cut up to 1" PEX tubing. Plastic tube cutters cut 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	\$46.20
E6081140	Tube Cutter Replacement Blade for E6081125, spare part	1	\$18.95
E6081128	Tube Cutter (plastic) for up to 1" PEX and 3/4" MLC Tubing	1	\$37.90
E6081143	Tube Cutter Replacement Blade for E6081128, spare part	1	\$27.10

Tube cutters



Swing-style pipe cutters cut up to 4" PEX and MLC pipe.

Part no.	Part description	Pkg. qty.	List price/ea.
E6084000	Swing-style PEX Pipe Cutter, up to 4"	1	\$475.00
E6084001	Tube Cutter Replacement Blade for E6084000, spare part	1	\$70.00

Swing-style pipe cutters



Tube handling

Ratchet-style tube cutters



Ratchet-style PEX tube cutters cut up to 1" PEX and MLC tubing. Ratchet-style large-dimension tube cutters cut 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	\$43.10
E6081545	Tube Cutter Replacement Blade for E6081501, spare part	1	\$20.20
E6081544	Tube Cutter Replacement Blade for E6081500, spare part	1	\$21.20
E6082000	Ratchet-style Large-Dimension Tube Cutter for 1" to 2" PEX and 1" MLC Tubing	1	\$324.90
E6082001	Tube Cutter Replacement Blade for E6082000, spare part	1	\$93.55
E6083000	Ratchet-style PEX Pipe Cutter, up to 3"	1	\$625.00
E6083001	Tube Cutter Replacement Blade for E6083000, spare part	1	\$320.00

S-hooks



S-hooks hang on a belt to hold large-dimension ProPEX fittings for easier, hands-free installations.

Part no.	Part description	Pkg. qty.	List price/ea.
E6113000	S-hook for ProPEX fittings	1	\$25.00

ProPEX tools and accessories

Milwaukee M12 ProPEX expansion tools were designed in conjunction with Uponor specifically for use with Uponor PEX pipe and ProPEX fittings. They offer continuous expansions for maximum install speed, have a compact, right-angle design for use in tight spaces, and feature 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 M12 lithium-ion batteries; a 30-minute charger; $\frac{1}{2}$ ", $\frac{3}{4}$ " and 1" expansion heads; grease; and a carrying case ($\frac{3}{8}$ " and $\frac{5}{8}$ " expansion heads sold separately).

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 milwaukeetool.com/propex.

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 tools



Milwaukee M18 ProPEX expansion tools were designed in conjunction with Uponor specifically for use with Uponor PEX pipe and ProPEX fittings. They offer continuous expansions for maximum install speed, have magnesium construction for jobsite durability, and feature an auto-rotating head for convenient, single-handed operation for expanding $\frac{3}{8}$ " to 1½" tubing sizes. The kit includes the Milwaukee M18 ProPEX Expansion Tool; two M18 XC lithium-ion batteries; a 30-minute charger; 1", 1¼" and 1½" 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 milwaukeetool.com/propex.

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 tools



Tools and accessories

Milwaukee M18 FORCELOGIC 2" – 3" ProPEX expansion tools



Milwaukee M18 FORCELOGIC ProPEX expansion tools were designed in conjunction with Uponor specifically for use with Uponor PEX pipe and ProPEX fittings. They offer continuous expansions for maximum install speed, have magnesium construction for jobsite durability, and feature an auto-rotating head for convenient operation for expanding 2", 2½" and 3" pipe sizes. The kit includes the Milwaukee M18 FORCELOGIC ProPEX Expansion Tool; two M18 REDLITHIUM XC 4.0 extended-capacity battery packs; M18 and M12 multi-voltage charger; 2", 2½" and 3" expansion heads; 150g ProPEX expander cone grease; side handle; 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, M18 and M18 FORCELOGIC). 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 milwaukeetool.com/propex.

Model no.	Part description	Retail price
2633-20	Milwaukee M18 FORCELOGIC ProPEX Expansion Tool	Contact your Milwaukee distributor
2633-22	Milwaukee M18 FORCELOGIC ProPEX Expansion Tool Kit	Contact your Milwaukee distributor



MLC press fitting tools and accessories

Mini-press battery tools are electro-hydraulic press fitting tools that make fast, easy connections to ½" through 1" Uponor MLC tubing. The tool kit with jaws includes one battery, one charger and press jaws for ½", ⅝", ¾" and 1" tubing. The tool kit without jaws includes two batteries and one charger.

Part no.	Part description	Pkg. qty.	List price/ea.
D6260000	Mini-Press Battery Tool Kit (No Jaws)	1	\$3,655.00
D6261632	Mini-Press Battery Tool Kit (with jaws)	1	\$6,703.55
D6260001	Mini-Press Tool Battery 9.6V, replacement part	1	\$368.25
D6260002	Mini-Press Tool Battery Charger, replacement part	1	\$362.30
D6260500	½" Press Jaw for Mini-Press Battery Tool	1	\$460.10
D6260625	⅝" Press Jaw for Mini-Press Battery Tool	1	\$434.00
D6260750	¾" Press Jaw for Mini-Press Battery Tool	1	\$530.50
D6261000	1" Press Jaw for Mini-Press Battery Tool	1	\$501.25

Mini-press battery tools and accessories



MLC press fitting manual tools make ½" and ⅝" MLC press fittings. Kit includes manual press tool, ½" and ⅝" inserts and a carrying case.

Part no.	Part description	Pkg. qty.	List price/ea.
D6275063	MLC Press Fitting Manual Tool Kit	1	\$1,496.90
D6270500	½" Replacement Insert for MLC Press Fitting Manual Press Tool	1	\$399.95
D6270625	⅝" Replacement Insert for MLC Press Fitting Manual Press Tool	1	\$369.00

MLC press fitting manual tools



MLC tubing T-handle chamfering tools bevel the ends of ½", ⅝", ¾" 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.

Part no.	Part description	Pkg. qty.	List price/ea.
D6100500	½" MLC Tubing T-handle Chamfering Tool	1	\$64.10
D6100625	⅝" MLC Tubing T-handle Chamfering Tool	1	\$66.20
D6100750	¾" MLC Tubing T-handle Chamfering Tool	1	\$81.70
D6101000	1" MLC Tubing T-handle Chamfering Tool	1	\$118.15

MLC tubing T-handle chamfering tools



Tools and accessories

MLC tubing three-way chamfering tools



MLC tubing three-way chamfering tools bevel 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" 3/4"	1	\$93.95

MLC tubing bending tools



MLC tubing bending tools allow 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	\$1,102.30

Other tools

Service wrenches



Service wrenches feature 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 (1 7/8") to tighten manifold union nuts.

Part no.	Part description	Pkg. qty.	List price/ea.
E6111188	1 3/16" Service Wrench	1	\$80.20
E6110046	TruFLOW Service Wrench, 46mm (1 7/8")	1	\$185.35

Quik Trak installation tool kits



Quik Trak installation tool kits feature an auto-feed screw system for labor-saving speed on Quik Trak installations. The easy-to-use screw gun is lightweight and the extension arm reduces fatigue. The kit includes a 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	\$1,315.50
E6050005	Quik Drive Bits (set of 3 square drive bits)	1	\$31.05

Tubing supports

PEX-a pipe supports are available in 1/2" to 3 1/2" sizes for suspended piping applications in commercial plumbing and hydronic piping systems, enabling hanger spacing similar to that of copper. Each package quantity contains 15 support straps (i.e., three support straps per 9-ft. length).

PEX-a pipe supports

Part no.	Part description	Pkg. qty.	List price/ea.
F7040500	1/2" PEX-a Pipe Support, 9-ft. Length	5	\$12.20
F7040750	3/4" PEX-a Pipe Support, 9-ft. Length	5	\$13.70
F7041000	1" PEX-a Pipe Support, 9-ft. Length	5	\$14.20
F7041250	1 1/4" PEX-a Pipe Support, 9-ft. Length	5	\$18.25
F7041500	1 1/2" PEX-a Pipe Support, 9-ft. Length	5	\$20.15
F7042000	2" PEX-a Pipe Support, 9-ft. Length	5	\$23.30
F7042500	2 1/2" PEX-a Pipe Support, 9-ft. Length	5	\$38.00
F7043000	3" PEX-a Pipe Support, 9-ft. Length	5	\$40.00
F7043500	3 1/2" PEX-a Pipe Support, 9-ft. Length	5	\$48.80
Q7410510	PEX-a Pipe Support Strapping for 1/2", 3/4" and 1" PEX	100	\$1.15
Q7411220	PEX-a Pipe Support Strapping for 1 1/4", 1 1/2" and 2" PEX	100	\$2.00
Q7412540	PEX-a Pipe Support Strapping for 2 1/2", 3", 3 1/2" PEX	100	\$3.35



Plastic bend supports (glass-reinforced nylon) provide a rigid, 90-degree bend and sleeve for 3/8", 1/2" and 3/4" Uponor PEX tubing. The 1/2" bend support works with PEX wall support brackets (A5750500).

Plastic bend supports

Part no.	Part description	Pkg. qty.	List price/ea.
A5150375	3/8" Plastic Bend Support	25	\$1.90
A5250500	1/2" Plastic Bend Support	25	\$1.90
A5150750	3/4" Plastic Bend Support	50	\$4.35



Metal bend supports (zinc-plated) provide a rigid, 90-degree bend for 3/8", 1/2", 5/8" and 3/4" Uponor PEX tubing.

Metal bend supports

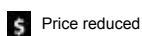
Part no.	Part description	Pkg. qty.	List price/ea.
A5110375	3/8" Metal Bend Support	50	\$3.90
A5110500	1/2" Metal Bend Support	50	\$3.75
A5110625	5/8" Metal Bend Support	50	\$4.75
A5110750	3/4" Metal Bend Support	25	\$6.95



Plastic drop ear bend supports (glass-reinforced nylon) provide a rigid, 90-degree bend and connection-free stub out from a stud wall or floor for 3/8" or 1/2" Uponor PEX tubing.

Plastic drop ear bend supports

Part no.	Part description	Pkg. qty.	List price/ea.
F5200375	3/8" Plastic Drop Ear Bend Support	25	\$3.75
F5200500	1/2" Plastic Drop Ear Bend Support	25	\$3.60



Price reduced

Tubing supports

Metal drop ear bend supports



Metal drop ear bend supports (zinc-plated) provide 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 PEX tubing.

Part no.	Part description	Pkg. qty.	List price/ea.
F5120375	$\frac{3}{8}$ " Metal Drop Ear Bend Support	25	\$9.30
F5120500	$\frac{1}{2}$ " Metal Drop Ear Bend Support	25	\$9.70

PVC bend supports



PVC bend supports provide a rigid, 90-degree bend and sleeve for $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ " and 1" Uponor PEX tubing runs exiting a concrete slab.

Part no.	Part description	Pkg. qty.	List price/ea.
A5500500	$\frac{3}{4}$ " PVC Elbow for $\frac{3}{8}$ " and $\frac{1}{2}$ " PEX Bend Support	25	\$3.70
A5500625	1" PVC Elbow for $\frac{5}{8}$ " PEX Bend Support	25	\$5.10
A5500750	1 $\frac{1}{4}$ " PVC Elbow for $\frac{3}{4}$ " PEX Bend Support	20	\$10.85
A5501000	1 $\frac{1}{2}$ " PVC Elbow for 1" PEX Bend Support	25	\$11.95

Metal straight-through supports



Metal straight-through supports (zinc-plated) provide rigid straight-through support for $\frac{1}{2}$ " Uponor PEX tubing as it exits a floor.

Part no.	Part description	Pkg. qty.	List price/ea.
F5140500	$\frac{1}{2}$ " Metal Straight-through Support	25	\$12.95

PEX wall support brackets



PEX wall support brackets provide 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 (A5250500) to snap into place for $\frac{1}{2}$ " Uponor AquaPEX tubing as it exits a wall.

Part no.	Part description	Pkg. qty.	List price/ea.
A5750500	PEX Wall Support Bracket, $\frac{1}{2}$ " and $\frac{3}{4}$ "	25	\$6.75
A5250500	$\frac{1}{2}$ " Plastic Bend Support	25	\$1.90

PEX stand-up brackets



PEX stand-up brackets are 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	\$15.80
F5805000	Five-tube PEX Stand-up Bracket for $\frac{1}{2}$ " PEX	16	\$57.10

Fasteners and fastener tools

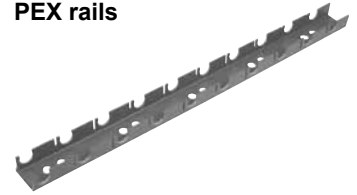
Fasteners and fastener tools

PEX rails secure 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	½" PEX Rail, 6.5 ft.	16	\$13.65
A5700625	⅝" PEX Rail, 6.5 ft.	16	\$13.05
A5700750	¾" PEX Rail, 6.5 ft.	16	\$20.70

PEX rails



Protective tubing caps are 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.

Note: Do not use for pressure testing.

Part no.	Part description	Pkg. qty.	List price/ea.
F4350500	½" Protective Tubing Cap	50	\$0.70
F4350625	⅝" Protective Tubing Cap	50	\$0.60
F4350750	¾" Protective Tubing Cap	50	\$1.20
F4351000	1" Protective Tubing Cap	50	\$1.30

Protective tubing caps



PEX clips provide excellent holding power. The ⅜" and ½" can attach together laterally for tight installations. PEX clips attach under the wood subfloor for joist-heating applications. The clips prevent 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 that does not penetrate entirely through the wood subfloor once installed.

Part no.	Part description	Pkg. qty.	List price/ea.
F7060375	⅜" PEX Clip, 100/pkg.	1	\$110.70
F7051258	½" PEX Clip, 100/pkg.	1	\$110.70
F7057500	¾" PEX Clip, 100/pkg.	1	\$282.85
F7051001	1" PEX Clip, 50/pkg.	1	\$167.55

PEX clips



Tube talons secure ⅜", ½", ⅝", ¾" and 1" Uponor PEX tubing products. Fasteners are included.

Part no.	Part description	Pkg. qty.	List price/ea.
F7050375	Tube Talon (⅜" PEX), 100/pkg.	1	\$33.65
F7050750	Tube Talon (½", ⅝", ¾" PEX), 100/bag	1	\$29.35
F7051000	Tube Talon (1" PEX), 50/pkg.	1	\$36.50

Tube talons



Fasteners and fastener tools

Tube clamps

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	\$50.70
A7250750	Tube Clamp Suspension (3/4 PEX), 50/pkg.	1	\$25.80
A7350500	Tube Clamp Standard (1/2 PEX), 100/pkg.	1	\$40.15
A7350750	Tube Clamp Standard (3/4 PEX), 50/pkg.	1	\$21.15

Tubing clips

Tubing clips secure 1/2" Uponor PEX tubing in shallow installations where tube talons are unsuitable.



Part no.	Part description	Pkg. qty.	List price/ea.
Q7400500	Plastic Tubing Clip, 1/2", 100/pkg.	1	\$54.45

Fixing wire twisters

Use fixing wire twisters with fixing wire (A7031000).



Part no.	Part description	Pkg. qty.	List price/ea.
E6090005	Fixing Wire Twister	1	\$7.45

Ratchet-style fixing wire twisters

Use ratchet-style fixing wire twisters with fixing wire (A7031000).



Part no.	Part description	Pkg. qty.	List price/ea.
E6091700	Ratchet-style Fixing Wire Twister	1	\$91.00

Fixing wires

Specially formulated 6" galvanized steel alloy ties secure 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	\$32.80

Fasteners and fastener tools

Steel plate protectors protect tubing from possible damage by drywall, trim screws or nails.

Steel plate protectors

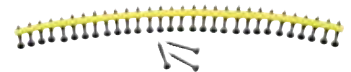
Part no.	Part description	Pkg. qty.	List price/ea.
F5700002	Steel Plate Protector, 100/pkg.	1	\$39.95



Quik Trak screws are designed specifically for Quik Trak installations using 3/4" subfloors.

Quik Trak screws

Part no.	Part description	Pkg. qty.	List price/ea.
E6051250	Quik Trak Screws (1 1/4"), 2,500/pkg.	1	\$275.65



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	\$17.25



Pneumatic stapler kits fire 5/8" through 1 1/4" staples with a 1" crown. Kit includes stapler, walking stick and conventional nose piece for attaching 1/2" and 5/8" Uponor PEX to subfloors.

Pneumatic stapler kits

Part no.	Part description	Pkg. qty.	List price/ea.
E6021638	Pneumatic Stapler Kit	1	\$2,973.20



Metal staples are available in 1 1/4" lengths with a 1" crown. Use 1 1/4" staples in staple-down installations to secure 3/8", 1/2" and 5/8" Uponor PEX to wood subfloors.

Metal staples

Note: Uponor does not recommend using these staples for joist-heating applications.

Part no.	Part description	Pkg. qty.	List price/ea.
A7011250	1 1/4" Metal Staples, 10,000/pkg.	1	\$208.55



Fasteners and fastener tools

PEX foam staplers



PEX foam staplers secure Uponor PEX and MLC tubing to foam board insulation in concrete-slab radiant heating and cooling applications.

Part no.	Part description	Pkg. qty.	List price/ea.
E6025000	PEX Foam Stapler	1	\$714.00

Blue foam staples



Use blue foam staples with PEX foam staplers (E6025000) to secure $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ " and $\frac{3}{4}$ " Uponor PEX or $\frac{1}{2}$ " and $\frac{5}{8}$ " MLC tubing to foam board insulation.

Part no.	Part description	Pkg. qty.	List price/ea.
A7012000	2" Blue Foam Staples, 300/pkg.	1	\$62.75

Plastic foam staples



Use plastic foam staples with manual foam staplers (E6025075) to secure $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ " and $\frac{3}{4}$ " Uponor PEX to rigid foam insulation.

Note: Use 1½" Foam Staples (A7015050) for 1" foam and 2½" Foam Staples (A7015075) for 1½" or thicker foam.

Part no.	Part description	Pkg. qty.	List price/ea.
A7015050	1½" Plastic Foam Staples, 300/pkg.	1	\$108.70
A7015075	2½" Plastic Foam Staples, 300/pkg.	1	\$123.55

Alphanumeric Listing 2017

New or Discont.	Part Number	Description	Page Number	2016 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category			
							Plumbing	Fire	Radiant	Ecoflex
	1007355	H-Insulation Kit, 5.5", 6.9", 7.9"	132	\$1,813.25	1					E
	1007357	Reducer Bushing 5.5" to 2.7"	133, 134	\$76.65	1					E
	1007358	Compression Wall Seal for 2.7" Jacket	133, 134	\$429.45	1					E
	1007360	Compression Wall Seal for 5.5" Jacket	133, 134	\$500.95	1					E
	1007361	Compression Wall Seal for 6.9" Jacket	133, 134	\$601.20	1					E
	1007362	Compression Wall Seal for 7.9" Jacket	133, 134	\$643.75	1					E
	1018245	Twin End Cap, 1", 1 1/4", 1 1/2" PEX Pipe with 5.5" Jacket (25mm, 32mm and 40mm)	130, 134	\$117.60	1					E
	1018266	Wall Sleeve with Heat Shrink for 2.7" Jacket	133, 134	\$134.40	1					E
	1018268	Wall Sleeve with Heat Shrink for 6.9" and 7.9" Jackets	133, 134	\$335.90	1					E
	1018269	Wall Sleeve with Heat Shrink for 5.5" Jacket	133, 134	\$300.40	1					E
	1018326	Ecoflex Connection Vault, 6 outlet	131	\$2,725.70	1					E
	1018327	Ecoflex Connection Vault, 8 outlet	131	\$3,198.20	1					E
	1018378	Uponor Shrinkable Tape 10" x 9' roll	131	\$203.00	1					E
	1018379	Vault Shrink Sleeve for 5.5" Jacket	131	\$114.90	1					E
	1018380	Vault Shrink Sleeve for 6.9" Jacket	131	\$131.10	1					E
	1018381	Vault Shrink Sleeve for 7.9" Jacket	131	\$135.05	1					E
	1021990	Tee Insulation Kit, 5.5", 6.9", 7.9"	132, 134	\$1,166.30	1					E
	1021991	Elbow Insulation Kit, 5.5", 6.9", 7.9"	132, 134	\$1,020.50	1					E
	1021992	Straight Insulation Kit, 5.5", 6.9", 7.9"	132, 134	\$993.20	1					E
	5012710	1" Thermal Single with 2.7" Jacket, 1,000-ft. coil	123, 134, 135	\$6.95	1					E
	5012775	3/4" Thermal Single with 2.7" Jacket, 1,000-ft. coil	123, 134, 135	\$7.90	1					E
	5015510	1" Thermal Single with 5.5" Jacket, 600-ft. coil	123, 134, 135	\$27.35	1					E
	5015513	1 1/4" Thermal Single with 5.5" Jacket, 500-ft. coil	123, 134, 135	\$31.35	1					E
	5016915	1 1/2" Thermal Single with 6.9" Jacket, 300-ft. coil	123, 134, 135	\$42.40	1					E
	5016920	2" Thermal Single with 6.9" Jacket, 300-ft. coil	123, 134, 135	\$48.55	1					E
	5016925	2 1/2" Thermal Single with 6.9" Jacket, 300-ft. coil	123, 134, 135	\$55.20	1					E
	5017930	3" Thermal Single with 7.9" Jacket, 300-ft. coil	123, 134, 135	\$71.50	1					E
	5017935	3 1/2" Thermal Single with 7.9" Jacket, 300-ft. coil	123, 134, 135	\$78.85	1					E
	5017940	4" Thermal Single with 7.9" Jacket, 300-ft. coil	123, 134, 135	\$89.05	1					E
	5025513	1 1/4" Thermal Twin Jr. with 5.5" Jacket, 600-ft. coil	124, 134, 135	\$21.00	1					E
	5026910	1" Thermal Twin with 6.9" Jacket, 600-ft. coil	124, 134, 135	\$38.20	1					E
	5026913	1 1/4" Thermal Twin with 6.9" Jacket, 500-ft. coil	124, 134, 135	\$41.35	1					E
	5026915	1 1/2" Thermal Twin with 6.9" Jacket, 300-ft. coil	124, 134, 135	\$52.90	1					E
	5027920	2" Thermal Twin with 7.9" Jacket, 300-ft. coil	124, 134, 135	\$76.25	1					E
	5027925	2 1/2" Thermal Twin with 7.9" Jacket, 300-ft. coil	124, 134, 135	\$94.45	1					E
	5115513	1 1/4" Potable HDPE with 5.5" Jacket, 300-ft. coil	125, 135	\$29.25	1					E
	5115515	1 1/2" Potable HDPE with 5.5" Jacket, 300-ft. coil	125, 135	\$32.25	1					E

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Alphanumeric Listing 2017

New or Discont.	Part Number	Description	Page Number	2016 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category			
							Plumbing	Fire	Radiant	Ecolflex
	5115520	2" Potable HDPE with 5.5" Jacket, 300-ft. coil	125, 135	\$36.10	1					E
	5116930	3" Potable HDPE with 6.9" Jacket, 300-ft. coil	125, 135	\$53.95	1					E
	5117940	4" Potable HDPE with 7.9" Jacket, 300-ft. coil	125, 135	\$67.10	1					E
	5212710	1" Potable PEX with 2.7" Jacket, 1,000-ft. coil	126, 134, 135	\$8.95	1					E
	5212775	3/4" Potable PEX with 2.7" Jacket, 1,000-ft. coil	126, 134, 135	\$7.90	1					E
	5215510	1" Potable PEX with 5.5" Jacket, 600-ft. coil	126, 134, 135	\$27.35	1					E
	5215513	1 1/4" Potable PEX with 5.5" Jacket, 500-ft. coil	126, 134, 135	\$31.35	1					E
	5216915	1 1/2" Potable PEX with 6.9" Jacket, 300-ft. coil	126, 134, 135	\$42.40	1					E
	5216920	2" Potable PEX with 6.9" Jacket, 300-ft. coil	126, 134, 135	\$47.15	1					E
	5217930	3" Potable PEX with 7.9" Jacket, 300-ft. coil	126, 134, 135	\$71.50	1					E
	5226910	1" Potable PEX Twin with 6.9" Jacket, 600-ft. coil	127, 134, 135	\$38.20	1					E
	5226913	1 1/4" Potable PEX Twin with 6.9" Jacket, 500-ft. coil	127, 134, 135	\$41.35	1					E
	5226915	1 1/2" Potable PEX Twin with 6.9" Jacket, 300-ft. coil	127, 134, 135	\$52.90	1					E
	5227920	2" Potable PEX Twin with 7.9" Jacket, 300-ft. coil	127, 134, 135	\$76.25	1					E
	5455513	1-1/4" Potable PEX Plus with 5.5" Jacket, 7 Wat/ft	127, 134, 135	\$44.10	1					E
	5550010	WIPEX Fitting 1" PEX x 1" NPT	129, 134	\$73.55	1					E
	5550013	WIPEX Fitting 1 1/4" PEX x 1 1/4" NPT	129, 134	\$79.65	1					E
	5550015	WIPEX Fitting 1 1/2" PEX x 1 1/2" NPT	129, 134	\$102.10	1					E
	5550020	WIPEX Fitting 2" PEX x 2" NPT	129, 134	\$143.05	1					E
	5550025	WIPEX Fitting 2 1/2" x 2" NPT	129, 134	\$98.25	1					E
	5550030	WIPEX Fitting 3" x 2 1/2" NPT	129, 134	\$160.30	1					E
	5550035	WIPEX Fitting 3 1/2" x 3" NPT	129, 134	\$210.30	1					E
	5550040	WIPEX Fitting 4" x 4" NPT	129, 134	\$290.30	1					E
	5550101	WIPEX Sleeve Pliers 1"-1 1/2"	129	\$111.30	1					E
	5550102	WIPEX Sleeve Pliers 1 1/2"-3 1/2"	129	\$123.55	1					E
	5550103	WIPEX Sleeve Pliers 3 1/2"-4"	129	\$198.85	1					E
	5652710	End Cap, 3/4" and 1" Pipe with 2.7" Jacket	130, 134	\$57.75	1					E
	5855513	End Cap, 1" and 1 1/4" PEX Pipe with 5.5" Jacket	130, 134	\$120.90	1					E
	5855520	End Cap, 1 1/4", 1 1/2" and 2" HDPE Pipe with 5.5" Jacket	130, 134	\$131.40	1					E
	5856930	End Cap, 1 1/2", 2", 2 1/2" PEX and 3" HDPE Pipe with 6.9" Jacket	130, 134	\$144.60	1					E
	5857940	End Cap, 3, 3 1/2, 4" PEX and 4" HDPE pipe, 7.9" Jacket	130, 134	\$162.95	1					E
	5956915	Twin End Cap, 1", 1 1/4" and 1 1/2" PEX Pipe with 6.9" Jacket	130, 134	\$166.50	1					E
	5957925	Twin End Cap, 2" and 2 1/2" PEX Pipe with 7.9" Jacket	130, 134	\$191.35	1					E
	5992000	Heat-trace Power Supply, SF-P	127	\$401.10	1					E
	5993000	Heat-trace End Seal, SF-E	127	\$53.55	1					E
	5994000	Heat-trace Tee Splice, SF-T	127	\$406.35	1					E
	A1140313	5/8" Wirubo hePEX, 100-ft. coil	62	\$117.35	1					R

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Alphanumeric Listing 2017

New or Discont.	Part Number	Description	Page Number	2016 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category		
							Plumbing	Fire	Radiant
	A1140375	3/8" Wirsbo hePEX, 100-ft. coil	62	\$127.55	1				R
	A1140500	1/2" Wirsbo hePEX, 100-ft. coil	62	\$117.50	1				R
	A1140625	5/8" Wirsbo hePEX, 100-ft. coil	62	\$157.60	1				R
	A1140750	3/4" Wirsbo hePEX, 100-ft. coil	62	\$194.55	1				R
	A1141000	1" Wirsbo hePEX, 100-ft. coil	62	\$328.15	1				R
	A1141250	1 1/4" Wirsbo hePEX, 100-ft. coil	62	\$556.80	1				R
	A1141500	1 1/2" Wirsbo hePEX, 100-ft. coil	62	\$738.85	1				R
	A1142000	2" Wirsbo hePEX, 100-ft. coil	62	\$1,155.90	1				R
New	A1142500	2 1/2" Wirsbo hePEX, 100-ft. coil	62	\$1,515.60	1				R
New	A1143000	3" Wirsbo hePEX, 100-ft. coil	62	\$2,066.70	1				R
New	A1143500	3 1/2" Wirsbo hePEX, 100-ft. coil	62	\$2,743.35	1				R
New	A1144000	4" Wirsbo hePEX, 100-ft. coil	62	\$3,468.75	1				R
	A1180313	5/8" Wirsbo hePEX, 250-ft. coil	62	\$293.35	1				R
	A1210375	3/8" Wirsbo hePEX, 400-ft. coil	62	\$510.30	1				R
	A1210625	5/8" Wirsbo hePEX, 400-ft. coil	62	\$630.45	1				R
	A1220313	5/8" Wirsbo hePEX, 1,000-ft. coil	62	\$1,173.05	1				R
	A1220375	3/8" Wirsbo hePEX, 1,000-ft. coil	62	\$1,275.65	1				R
	A1220500	1/2" Wirsbo hePEX, 1,000-ft. coil	62	\$1,174.55	1				R
	A1220625	5/8" Wirsbo hePEX, 1,000-ft. coil	62	\$1,575.65	1				R
	A1220750	3/4" Wirsbo hePEX, 1,000-ft. coil	62	\$1,945.65	1				R
	A1240750	3/4" Wirsbo hePEX, 500-ft. coil	62	\$972.70	1				R
	A1241000	1" Wirsbo hePEX, 500-ft. coil	62	\$1,640.90	1				R
	A1250500	1/2" Wirsbo hePEX, 300-ft. coil	62	\$352.40	1				R
	A1250625	5/8" Wirsbo hePEX, 300-ft. coil	62	\$472.70	1				R
	A1250750	3/4" Wirsbo hePEX, 300-ft. coil	62	\$583.60	1				R
	A1251000	1" Wirsbo hePEX, 300-ft. coil	62	\$984.60	1				R
	A1251250	1 1/4" Wirsbo hePEX, 300-ft. coil	62	\$1,670.35	1				R
	A1251500	1 1/2" Wirsbo hePEX, 300-ft. coil	62	\$2,216.55	1				R
	A1252000	2" Wirsbo hePEX, 300-ft. coil	62	\$3,467.80	1				R
New	A1252500	2 1/2" Wirsbo hePEX, 300-ft. coil	62	\$4,546.70	1				R
New	A1253000	3" Wirsbo hePEX, 300-ft. coil	62	\$6,200.10	1				R
	A1260500	1/2" Wirsbo hePEX, 500-ft. coil	62	\$587.30	1				R
New	A1912500	2 1/2" Wirsbo hePEX, 10-ft. straight lengths, 30 ft. (3 per bundle)	63	\$477.55	1				R
New	A1913000	3" Wirsbo hePEX, 10-ft. straight lengths, 30 ft. (3 per bundle)	63	\$651.10	1				R
New	A1913500	3 1/2" Wirsbo hePEX, 10-ft. straight lengths, 30 ft. (3 per bundle)	63	\$864.15	1				R
New	A1914000	4" Wirsbo hePEX, 10-ft. straight lengths, 20 ft. (2 per bundle)	63	\$728.45	1				R
	A1921000	1" Wirsbo hePEX, 20-ft. straight length, 200 ft. (10 per bundle)	63	\$656.30	1				R

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Alphanumeric Listing 2017

New or Disc.	Part Number	Description	Page Number	2016 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category			
							Plumbing	Fire	Radiant	Ecoflex
	A1921250	1 1/4" Wirsbo hePEX, 20-ft. straight length, 100 ft. (5 per bundle)	63	\$556.80	1				R	
	A1921500	1 1/2" Wirsbo hePEX, 20-ft. straight length, 100 ft. (5 per bundle)	63	\$738.85	1				R	
	A1922000	2" Wirsbo hePEX, 20-ft. straight length, 100 ft. (5 per bundle)	63	\$1,155.90	1				R	
New	A1922500	2 1/2" Wirsbo hePEX 20-ft. straight length, 60-ft. (3 per bundle)	63	\$909.60	1				R	
New	A1923000	3" Wirsbo hePEX 20-ft. straight length, 40-ft. (2 per bundle)	63	\$826.80	1				R	
New	A1923500	3 1/2" Wirsbo hePEX, 20-ft. straight length, 40-ft. (2 per bundle)	63	\$1,097.35	1				R	
New	A1924000	4" Wirsbo hePEX, 20-ft. straight length, 20-ft. (1 per bundle)	63	\$693.75	1				R	
	A1930500	1/2" Wirsbo hePEX, 20-ft. straight length, 500 ft. (25 per bundle)	63	\$587.30	1				R	
	A1930625	3/8" Wirsbo hePEX, 20-ft. straight length, 300 ft. (15 per bundle)	63	\$472.70	1				R	
	A1930750	3/4" Wirsbo hePEX, 20-ft. straight length, 300 ft. (15 per bundle)	63	\$583.60	1				R	
Disc.	A2072500	TruFLOW Support Bracket, set of 2	71	\$64.20	1					
	A2080020	Brass Manifold Loop End Cap, R20	84	\$9.65	10					
	A2080032	Basic End Cap, R32	71	\$19.70	10					
	A2123210	Threaded Brass Manifold Bushing, R32 Male x 1" Female NPT	68, 74, 84	\$18.75	10					
	A2133275	Threaded Brass Manifold Bushing, R32 Male x 3/4" Female NPT	68, 74, 84	\$23.00	10					
	A2400020	Brass Manifold Loop End Cap Gasket, spare part	73, 84	\$3.15	10					
	A2400032	Basic End Cap Gasket, spare part, R32	71, 73	\$3.60	10					
	A2402000	2" Copper End Cap Spun End with drain and vent connections	88	\$156.55	1					
	A2603524	Manifold Wall Cabinet, 35.5" H x 24" W x 3.5" D	67	\$377.75	1					
	A2603530	Manifold Wall Cabinet, 35.5" H x 30.5" W x 3.5" D	67	\$419.50	1					
	A2603539	Manifold Wall Cabinet, 35.5" H x 39" W x 3.5" D	67	\$452.00	1					
	A2603588	EP Heating Manifold Wall Cabinet Bracket Kit, set of 2	67, 75, 77	\$45.45	1					
	A2610020	TruFLOW Manifold Loop Temperature Gauge	68, 73	\$47.50	10					
	A2610100	TruFLOW Classic Manifold Extension Kit, 2 loops	68, 72	\$375.60	1					
	A2610120	Temperature Gauge with Well, replacement part	73	\$30.05	10					
	A2610200	TruFLOW Classic Assembly, B&I, 2-loop	69	\$379.35	1					
	A2610300	TruFLOW Classic Assembly, B&I, 3-loop	69	\$471.55	1					
	A2610400	TruFLOW Classic Assembly, B&I, 4-loop	69	\$563.75	1					
	A2610500	TruFLOW Classic Assembly, B&I, 5-loop	69	\$680.85	1					
	A2610600	TruFLOW Classic Assembly, B&I, 6-loop	69	\$773.20	1					
	A2610700	TruFLOW Classic Assembly, B&I, 7-loop	69	\$865.60	1					
	A2610800	TruFLOW Classic Assembly, B&I, 8-loop	69	\$993.25	1					
	A2611000	TruFLOW Classic Assembly, B&I, 10-loop	69	\$1,226.80	1					
	A2611200	TruFLOW Classic Assembly, B&I, 12-loop	69	\$1,402.35	1					
New	A2611250	TruFLOW Manifold Basic End Cap	68	\$16.35	10					
	A2620002	TruFLOW Manifold Balancing Hex Key, replacement part	68, 73	\$5.40	10					
	A2620005	Replacement Gasket for R32 Union Connections	73	\$1.25	10					

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Alphanumeric Listing 2017

New or Discont.	Part Number	Description	Page Number	2016 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category		
							Plumbing	Fire	Radiant
	A2620008	Replacement O-ring for 1 1/4" BSP Connections	73	\$0.55	10				R
	A2620009	Replacement O-ring for TruFLOW Flow/Temperature Meter	68, 73	\$0.55	10				R
New	A2620013	TruFLOW Balancing Valve body, replacement part	68	\$21.65	10				R
New	A2620014	TruFLOW Balancing Valve Plastic Cap, replacement part	68	\$5.05	10				R
New	A2620017	TruFLOW On/Off Valve Body, replacement part	68	\$48.15	10				R
New	A2620018	TruFLOW On/Off Valve Plastic Cap, replacement part	68	\$6.55	10				R
	A2620021	TruFLOW Classic Manifold Mounting Bracket, single bracket replacement part	68, 71	\$48.10	10				R
	A2620045	TruFLOW Classic Manifold Offset Union, R32 Union x 1/4" BSP	68, 72	\$30.40	10				R
	A2620090	TruFLOW Classic Manifold Elbow Union, R32 Union x 1/4" BSP	68, 72	\$28.40	10				R
	A2621010	TruFLOW Manifold Coupling Nipple, 1 1/4" BSP x 1/4" BSP	72	\$22.85	10				R
	A2621250	TruFLOW End Cap with Vent and Drain	68	\$58.10	2				
	A2630028	TruFLOW Manifold Actuator Adapter, replacement part	68, 69, 72, 96	\$2.50	10				R
	A2631250	Manifold Supply and Return Ball Valves with Filter and Temperature Gauge, set of 2	67, 68, 71, 76	\$259.55	1				R
	A2631251	Manifold Supply and Return Ball Valves with Temperature Gauges, set of 2	71, 76	\$200.50	1				R
	A2631252	Manifold Supply and Return Ball Valves, set of 2	71, 76	\$107.80	1				R
	A2640004	Replacement O-ring for 1" BSP Manifold Connections	73	\$0.15	10				
	A2640015	TruFLOW Visual Flow Meter, 0.15 to 0.8 gpm	68, 73	\$43.00	10				R
	A2640021	TruFLOW Jr. Manifold Mounting Bracket, single bracket replacement part	68, 71	\$29.30	10				R
	A2640027	TruFLOW Visual Flow Meter, 0.25 to 2.0 gpm	68, 73	\$43.00	10				R
	A2660200	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 2-loop	69	\$264.95	1				R
	A2660201	TruFLOW Jr. Assembly, B&I, 2-loop	69	\$337.60	1				R
	A2660300	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 3-loop	69	\$322.35	1				R
	A2660301	TruFLOW Jr. Assembly, B&I, 3-loop	69	\$416.60	1				R
	A2660400	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 4-loop	69	\$383.50	1				R
	A2660401	TruFLOW Jr. Assembly, B&I, 4-loop	69	\$488.65	1				R
	A2660500	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 5-loop	69	\$492.45	1				R
	A2660501	TruFLOW Jr. Assembly, B&I, 5-loop	69	\$627.45	1				R
	A2660600	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 6-loop	69	\$549.85	1				R
	A2660601	TruFLOW Jr. Assembly, B&I, 6-loop	69	\$700.70	1				R
	A2660700	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 7-loop	69	\$629.90	1				R
	A2660701	TruFLOW Jr. Assembly, B&I, 7-loop	69	\$776.30	1				R
	A2660800	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 8-loop	69	\$668.45	1				R
	A2660801	TruFLOW Jr. Assembly, B&I, 8-loop	69	\$876.15	1				R
	A2663202	TruFLOW Jr. Valveless, 2-loop	70	\$83.10	1				R
	A2663203	TruFLOW Jr. Valveless, 3-loop	70	\$102.75	1				R
	A2663204	TruFLOW Jr. Valveless, 4-loop	70	\$111.25	1				R
	A2663212	TruFLOW Jr. Manifold Balancing Valves, 2-loop	70	\$120.00	1				R

Alphanumeric Listing 2017

New or Discont.	Part Number	Description	Page Number	2016 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category			
							Plumbing	Fire	Radiant	Ecoflex
	A2663213	TruFLOW Jr. Manifold Balancing Valves, 3-loop	70	\$145.80	1				R	
	A2663214	TruFLOW Jr. Manifold Balancing Valves, 4-loop	70	\$174.45	1				R	
	A2663222	TruFLOW Jr. Isolation Valves, 2-loop	70	\$135.35	1				R	
	A2663223	TruFLOW Jr. Isolation Valves, 3-loop	70	\$178.10	1				R	
	A2663224	TruFLOW Jr. Isolation Valves, 4-loop	70	\$220.90	1				R	
	A2670001	EP Heating Manifold Single Section with Isolation Valve	74, 76	\$35.20	1				R	
	A2670003	EP Heating Manifold Single Section with Balancing Valve and Flow Meter	74, 76	\$49.00	1				R	
	A2670004	EP Heating Manifold Isolation Valve Body, replacement part	74, 78, 79	\$21.60	1				R	
	A2670005	EP Heating Manifold Isolation Valve Body, replacement part	74, 78, 79	\$25.90	1				R	
	A2670006	EP Heating Manifold Flow Meter Valve Body, replacement part	74, 75, 77	\$25.20	1				R	
	A2670007	EP Heating Manifold Mounting Bracket, set of 2	74, 79	\$16.45	1				R	
	A2670007	EP Heating Manifold Valve Replacement Tool	74, 79	\$1.55	10				R	
	A2670008	EP Heating Manifold Replacement O-ring 28.5 x 3mm EPDM	74, 79	\$132.55	1				R	
	A2670032	EP Heating Manifold Connection Pieces, set of 2	74, 76, 79	\$40.40	1				R	
	A2670090	EP Heating Manifold Elbow, set of 2	74, 77	\$33.10	1				R	
	A2670132	EP Heating Manifold Temperature Gauge, set of 2	74, 79	\$315.25	1				R	
	A2670201	EP Heating Manifold Assembly with Flow Meter, 2-loop	75, 76	\$366.00	1				R	
	A2670301	EP Heating Manifold Assembly with Flow Meter, 3-loop	75	\$431.40	1				R	
	A2670401	EP Heating Manifold Assembly with Flow Meter, 4-loop	74, 75	\$496.50	1				R	
	A2670501	EP Heating Manifold Assembly with Flow Meter, 5-loop	75	\$561.75	1				R	
	A2670601	EP Heating Manifold Assembly with Flow Meter, 6-loop	75	\$610.65	1				R	
	A2670701	EP Heating Manifold Assembly with Flow Meter, 7-loop	75	\$692.15	1				R	
	A2670801	EP Heating Manifold Assembly with Flow Meter, 8-loop	75, 76	\$48.90	1				R	
	A2671250	EP Heating Manifold End Cap with Vent and Drain, set of 2	74, 77	\$6.25	10				R	
	A2671300	EP Heating Manifold Actuator Adapter	74, 78, 93, 96	\$338.45	1				R	
	A2700202	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 2 loops	81	\$392.95	1				R	
	A2700302	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 3 loops	81	\$463.20	1				R	
	A2700402	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 4 loops	81	\$533.05	1				R	
	A2700502	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 5 loops	81	\$603.20	1				R	
	A2700602	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 6 loops	81	\$655.65	1				R	
	A2700702	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 7 loops	81	\$743.15	1				R	
	A2700802	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 8 loops	81	\$925.95	1				R	
	A2701002	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 10 loops	81	\$1,092.40	1				R	
	A2701202	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 12 loops	81	\$379.40	1				R	
	A2720202	Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 2 loops	81	\$471.55	1				R	
	A2720302	Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 3 loops	81	\$563.75	1				R	
	A2720402	Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 4 loops	81	\$680.85	1				R	

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Alphanumeric Listing 2017

New or Discont.	Part Number	Description	Page Number	2016 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category		
							Plumbing	Fire	Radiant
	A2720602	Stainless-steel Manifold Assembly, 1/4" with flow meter, B&I, ball valve, 6 loops	81	\$773.20	1				R
	A2720702	Stainless-steel Manifold Assembly, 1/4" with flow meter, B&I, ball valve, 7 loops	81	\$865.55	1				R
	A2720802	Stainless-steel Manifold Assembly, 1/4" with flow meter, B&I, ball valve, 8 loops	81	\$993.30	1				R
	A2721002	Stainless-steel Manifold Assembly, 1/4" with flow meter, B&I, ball valve, 10 loops	81	\$1,226.85	1				R
	A2721202	Stainless-steel Manifold Assembly, 1/4" with flow meter, B&I, ball valve, 12 loops	81	\$1,402.35	1				R
	A2771010	Mounting Bracket for Stainless-steel Manifold, 1", replacement part, set of 2	80, 82	\$19.00	1				R
	A2771011	Mounting Bracket for Stainless-steel Manifold, 1 1/4", replacement part, set of 2	80, 82	\$19.00	1				R
	A2771020	Stainless-steel Manifold Flow Meter 1.5 GPM Valve Body, replacement part	80, 82	\$24.90	1				R
	A2771021	Stainless-steel Manifold Flow Meter 2 GPM Valve Body, replacement part	80, 82	\$24.90	1				R
	A2771030	Stainless-steel Manifold Isolation Valve Body, replacement part	80, 83	\$12.95	1				R
	A2771035	O-ring for Stainless-steel Manifold Isolation Valve Body	80, 83	\$10.45	10				R
	A2771040	Stainless-steel Manifold Replacement Gasket for R32 Union Connection	80, 83	\$13.10	10				R
	A2771050	Stainless-steel Manifold Temperature Gauge, set of 2	80, 82	\$36.55	1				R
	A2771060	Spacer Ring VA10 for White Thermal Actuators	80, 83, 93, 96	\$0.20	5				R
	A2771070	Stainless-steel Manifold Installation Kit	80, 82	\$5.65	1				R
	A2771251	Stainless-steel Manifold Supply and Return 1" FNPT Ball Valve with Temperature Gauge, set of 2	80, 82	\$92.35	1				R
	A2771252	Stainless-steel Manifold Supply and Return 1-1/4" FNPT Ball Valve with Temperature Gauge, set of 2	80, 82	\$127.20	1				R
	A2803250	End Cap with Vent, R32	71	\$89.40	1				R
	A2870100	Spacer Ring VA31H for Thermal Actuators	68, 72, 93, 96	\$7.10	10				R
	A3010100	Single-zone Pump Relay	94	\$148.70	1				R
	A3011075	3/4" and 1" Thermal Zone Valve	93	\$180.80	1				R
	A3019900	Spacer Ring VA33 for White Thermal Actuators	93	\$7.10	5	A2870100			R
	A3023522	Thermal Actuator, four-wire	68, 72, 74, 78, 80, 83, 93, 96	\$101.90	1				R
	A3030009	Replacement Fuse (2 amps), 4/pkg.	92	\$15.95	1				R
	A3030010	Replacement Fuse (4 amps), 4/pkg.	92	\$15.95	1				R
	A3030102	Heat and Cool Thermostat	91	\$146.20	1				R
	A3030522	Two-wire Thermal Actuator for EP Heating Manifolds	74, 93, 96	\$63.80	1				R
	A3030523	Two-wire Thermal Actuator for TruFLOW Classic and Jr. Valved Manifolds	68, 93, 96	\$67.95	1				R
	A3030524	Two-wire Thermal Actuator for Stainless-steel Manifolds	80, 93, 96	\$64.25	1				R
	A3031003	Three-zone Control Module for Two and Four-wire Operation	92	\$137.35	1				R
	A3031004	Four-zone Control Module for Two and Four-wire Operation	92	\$151.90	1				R
	A3040007	Cover Plate for 500 Series Controllers	92	\$30.30	10				R
	A3040012	Cover Plate for SelfPoint 521 Programmable Thermostat	92	\$47.95	1				R
	A3040073	Slab Sensor for Aerial Snow Sensor	95	\$372.30	1				R
	A3040075	3/4" Three-way Mixing Valve, (C,=4.5)	94	\$785.40	1				R
	A3040079	Floor Sensor, replacement part	92	\$95.45	1				R

Alphanumeric Listing 2017

New or Discont.	Part Number	Description	Page Number	2016 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category			
							Plumbing	Fire	Radiant	Ecoflex
	A3040090	Pavement Snow and Ice Sensor	95	\$1,450.45	1				R	
	A3040091	Pavement Snow and Ice Sensor Cup	95	\$336.60	1				R	
	A3040095	Aerial Snow Sensor	95	\$348.85	1				R	
	A3040100	1" Three-way Mixing Valve, (C _v =4.5)	94	\$825.20	1				R	
	A3040150	SetPoint 150 Controller	92	\$472.35	1	A3041501			R	
	A3040521	SetPoint 521, Programmable Thermostat with floor sensor	92	\$382.50	1				R	
	A3040654	Single-zone Snow Melt Control	95	\$1,009.80	1				R	
	A3041501	SetPoint 501s, Single-stage SetPoint Controller with floor sensor	92	\$326.15	1				R	
	A3050050	50 VA Transformer	94	\$52.60	1				R	
	A3080301	Three-zone Multi-pump Relay	94	\$372.65	1				R	
	A3080404	Powered Four-zone Controller	93	\$284.15	1				R	
	A3080406	Powered Six-zone Controller	93	\$365.45	1				R	
New	A3100101	Heat-only Thermostat with Touchscreen	91	\$160.00	1				R	
	A3201010	ProPEX Brass Ball Valve 1" PEX x 1" PEX	89	\$44.25	1				R	
	A3201313	ProPEX Brass Ball Valve 1-1/4" PEX x 1-1/4" PEX	89	\$54.60	1				R	
	A3201515	ProPEX Brass Ball Valve 1-1/2" PEX x 1-1/2" PEX	89	\$71.40	1				R	
	A3202020	ProPEX Brass Ball Valve 2" PEX x 2" PEX	89	\$134.40	1				R	
	A3205050	ProPEX Brass Ball Valve 1/2" PEX x 1/2" PEX	89	\$16.25	10				R	
	A3207575	ProPEX Brass Ball Valve 3/4" PEX x 3/4" PEX	89	\$23.80	10				R	
	A3503000	Radiant Ready 30E, 30,000 BTU Electric	97	\$6,313.00	1				R	
New	A3800165	Wireless Dial Thermostat (T-165)	90	\$75.00	1				R	
New	A3800167	Wireless Digital Thermostat (T-167)	90	\$115.00	1				R	
New	A3801160	Wireless Base Unit Expansion Module, 6 zones (M-160)	90	\$110.00	1				R	
New	A3801165	Wireless Base Unit, 6 zones (X-165)	90	\$350.00	1				R	
	A4010313	5/16" Repair Coupling	112	\$28.05	10				R	
	A4020313	5/16" QS-style Compression Fitting Assembly, R20 thread	68, 74, 80, 85	\$15.95	10				R	
	A4020375	3/8" QS-style Compression Fitting Assembly, R20 thread	68, 74, 80, 85	\$15.30	10				R	
	A4020500	1/2" QS-style Compression Fitting Assembly, R20 thread	68, 74, 80, 85	\$12.35	10				R	
	A4020625	5/8" QS-style Compression Fitting Assembly, R20 thread	68, 74, 80, 85	\$15.00	10				R	
	A4020750	3/4" QS-style Compression Fitting Assembly, R25 thread	85	\$21.75	10				R	
	A4021000	Replacement O-ring for insert (R25)	85	\$0.45	10				R	
	A4021116	Replacement O-ring for insert (R20)	85	\$0.35	10				R	
	A4030625	5/8" QS-style Compression Fitting Assembly, R25 thread	85	\$18.40	10				R	
	A4123215	Brass Manifold Adapter, R32 to 1/4" Adapter or 1/2" Fitting Adapter	84	\$43.70	10				R	
	A4133210	Brass Manifold Adapter, R32 x 1" Adapter or 1/4" Fitting Adapter	68, 74, 84	\$24.25	10				R	
	A4143210	Brass Manifold Adapter, R32 x 3/4" Adapter or 1" Fitting Adapter	68, 74, 84	\$28.85	10				R	
	A4143220	Threaded Brass Manifold Straight Adapter, R32 Male x R20 Male	68, 74, 84	\$27.70	10				R	

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Alphanumeric Listing 2017

New or Discont.	Part Number	Description	Page Number	2016 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category		
							Plumbing	Fire	Radiant
	A4143225	Threaded Brass Manifold Straight Adapter, R32 Male x R25 Male	68, 74, 84	\$28.55	10				R
	A4160313	3/8" QS-style Compression Ring, spare part	85	\$3.70	10				R
	A4160375	3/8" QS-style Compression Ring, spare part	85	\$3.50	10				R
	A4160500	1/2" QS-style Compression Ring, spare part	85	\$3.25	10				R
	A4160625	5/8" QS-style Compression Ring, spare part	85	\$3.50	10				R
	A4160750	3/4" QS-style Compression Ring, spare part	85	\$4.45	10				R
	A4322020	QS-style Coupling Nipple, R20 x R20	112	\$10.55	10				R
	A4322050	QS-style Conversion Nipple, R20 x 1/2" NPT	112	\$10.05	10				R
	A4322075	QS-style Conversion Nipple, R20 x 3/4" NPT	112	\$10.40	10				R
	A4322525	QS-style Coupling Nipple, R25 x R25 (for 3/4" and 5/8" tubing only)	112	\$17.95	10				R
	A4322575	QS-style Conversion Nipple, R25 x 3/4" NPT (for 3/4" tubing only)	112	\$12.50	10				R
	A4332050	QS-style Copper Adapter, R20 x 1/2" Copper	112	\$11.30	10				R
	A4332075	QS-style Copper Adapter, R20 x 3/4" Copper	112	\$8.75	10				R
	A4332575	QS-style Copper Adapter, R25 x 3/4" Copper (for 3/4" and 5/8" tubing only)	112	\$14.20	10				R
	A4342050	QS-style Copper Fitting Adapter, R20 x 1/2" Copper	112	\$11.25	10				R
	A4342075	QS-style Copper Fitting Adapter, R20 x 3/4" Copper	112	\$8.20	10				R
	A4342510	QS-style Copper Fitting Adapter, R25 X 1" Copper (for 3/4" and 5/8" tubing only)	112	\$12.75	10				R
	A4342575	QS-style Copper Fitting Adapter, R25 X 3/4" Copper (for 3/4" and 5/8" tubing only)	112	\$23.10	10				R
	A4372075	QS-style Baseboard Elbow, R20 x 3/4" Copper Fitting Adapter	113	\$23.00	10				R
	A4382075	QS-style Baseboard Elbow, R20 X 3/4" Copper Adapter	113	\$14.25	10				R
	A4392075	QS-style Baseboard Tee, R20 x 3/4" Copper Adapter	113	\$21.95	10				R
	A5060701	Quik Trak 7" x 48" Panels	118	\$14.95	10				R
	A5060702	Quik Trak 7" x 48" Return Panels	118	\$21.70	10				R
	A5060712	Quik Trak 12" x 48" Combo Panel, 6 runs with return	119	\$49.75	5				R
	A5060722	Quik Trak 12" x 12" Combo 90, 6 runs	119	\$13.80	5				R
	A5060732	Quik Trak 7" x 12" Combo Access Panel, 6 runs with 1 access	119	\$13.35	6				R
	A5060761	Quik Trak 7" x 48" x 6 Panels (fully assembled set)	118	\$100.15	1				R
	A5080375	Joist Trak, 3/8" Heat Transfer Panel	118	\$12.90	20				R
	A5080500	Joist Trak, 1/2" Heat Transfer Panel	118	\$12.90	20				R
	A5090313	Fast Trak 0.5	118	\$27.80	20				R
	A5090500	Fast Trak 1.3i	118	\$31.30	18				R
	A5091000	Fast Trak Edge Strip, 65-ft. roll	118	\$34.50	10				R
	A5110375	3/8" Metal Bend Support	143	\$3.90	50		P		R
	A5110500	1/2" Metal Bend Support	143	\$3.75	50		P	F	R
	A5110625	5/8" Metal Bend Support	143	\$4.75	50				R
	A5110750	3/4" Metal Bend Support	143	\$6.95	25		P	F	R
	A5150375	3/8" Plastic Bend Support	143	\$1.90	25		P		R

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Alphanumeric Listing 2017

New or Discont.	Part Number	Description	Page Number	2016 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category			
							Plumbing	Fire	Radiant	Ecoflex
	A5150750	¾" Plastic Bend Support	143	\$4.35	50		P	F	R	
	A5250500	½" Plastic Bend Support	143, 144	\$1.90	25		P	F	R	
	A5400012	1" Union Replacement Gasket	89, 93	\$7.80	3					
New	A5402112	1" Thermal Mixing Valve with Union	89	\$176.95	1					R
	A5410750	¾" Differential Pressure By-pass Valve	89	\$365.05	1					R
	A5411000	1" Differential Pressure By-pass Valve	89	\$447.65	1					R
	A5500500	¾" PVC Elbow for ¾" and ½" PEX Bend Support	144	\$3.70	25		P	F	R	
	A5500625	1" PVC Elbow for ¾" PEX Bend Support	144	\$5.10	25					R
	A5500750	1¼" PVC Elbow for ¾" PEX Bend Support	144	\$10.85	20		P	F	R	
	A5501000	1½" PVC Elbow for 1" PEX Bend Support	144	\$11.95	25		P	F	R	
	A5700500	½" PEX Rail, 6.5 ft.	145	\$13.65	16		P	F	R	
	A5700625	¾" PEX Rail, 6.5 ft.	145	\$13.05	16					R
	A5700750	¾" PEX Rail, 6.5 ft.	145	\$20.70	16		P	F	R	
New	A5750001	Mounting Bracket for ⅝" to 1" Water Meters	38	\$12.00	1		P			
	A5750500	PEX Wall Support Bracket, ½" and ¾"	143, 144	\$6.75	25		P			
	A5802075	Ball Valve, R20 Thread x ¾" Copper Adapter	88	\$37.00	10					R
	A5802575	Ball Valve, R25 Thread x ¾" Copper Adapter	88	\$39.20	10					R
	A5902075	Ball and Balancing Valve, R20 Thread x ¾" Copper Adapter	88	\$67.70	10					R
	A5902575	Ball and Balancing Valve, R25 Thread x ¾" Copper Adapter	88	\$71.15	10					R
	A6140500	½" Pre-insulated Wirsbo hePEX with ½" insulation, 100-ft. coil	128	\$391.40	1					R
	A6140750	¾" Pre-insulated Wirsbo hePEX with ½" insulation, 100-ft. coil	128	\$473.80	1					R
	A6141000	1" Pre-insulated Wirsbo hePEX with ½" insulation, 100-ft. coil	128	\$576.40	1					R
	A6141250	1¼" Pre-insulated Wirsbo hePEX with ½" insulation, 100-ft. coil	128	\$885.80	1					R
	A6141500	1½" Pre-insulated Wirsbo hePEX with ½" insulation, 100-ft. coil	128	\$1,076.35	1					R
	A6142000	2" Pre-insulated Wirsbo hePEX with ½" insulation, 100-ft. coil	128	\$1,560.45	1					R
	A6150500	½" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil	128	\$597.60	1					R
	A6150750	¾" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil	128	\$690.10	1					R
	A6151000	1" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil	128	\$849.75	1					R
	A6151250	1¼" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil	128	\$1,158.75	1					R
	A6160500	½" Pre-insulated Wirsbo hePEX with 1½" insulation, 100-ft. coil	128	\$803.40	1					R
	A6160750	¾" Pre-insulated Wirsbo hePEX with 1½" insulation, 100-ft. coil	128	\$973.35	1					R
	A6161000	1" Pre-insulated Wirsbo hePEX with 1½" insulation, 100-ft. coil	128	\$1,138.15	1					R
	A6161250	1¼" Pre-insulated Wirsbo hePEX with 1½" insulation, 100-ft. coil	128	\$1,478.05	1					R
	A6161500	1½" Pre-insulated Wirsbo hePEX with 1½" insulation, 75-ft. coil	128	\$1,348.00	1					R
	A6162000	2" Pre-insulated Wirsbo hePEX with 1½" insulation, 75-ft. coil	128	\$1,645.45	1					R
	A6171500	1½" Pre-insulated Wirsbo hePEX with 2" insulation, 50-ft. coil	128	\$1,073.80	1					R
	A6172000	2" Pre-insulated Wirsbo hePEX with 2" insulation, 50-ft. coil	128	\$1,375.05	1					R

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Alphanumeric Listing 2017

New or Discont.	Part Number	Description	Page Number	2016 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category		
							Plumbing	Fire	Radiant
	A7011250	1 1/4" Metal Staples, 10,000/pkg.	147	\$208.55	1				R
	A7012000	2" Blue Foam Staples, 300/pkg.	148	\$62.75	1				R
	A7015050	1 1/2" Plastic Foam Staples, 300/pkg.	148	\$108.70	1				R
	A7015075	2 1/2" Plastic Foam Staples, 300/pkg.	148	\$123.55	1				R
	A7031000	Fixing Wire, 1,000/bundle	146	\$32.80	1				R
	A7250500	Tube Clamp Suspension (1/2" PEX), 100/pkg.	146	\$50.70	1		P	F	R
	A7250750	Tube Clamp Suspension (3/4" PEX), 50/pkg.	146	\$25.80	1		P	F	R
	A7350500	Tube Clamp Standard (1/2" PEX), 100/pkg.	146	\$40.15	1		P	F	R
	A7350750	Tube Clamp Standard (3/4" PEX), 50/pkg.	146	\$21.15	1		P	F	R
	A7750700	Fire Sprinkler Adapter Mounting Bracket, 3/4" and 1"	48	\$10.05	5			F	
New	A9010599	Slab Sensor, 10k	90, 91	\$49.00	1				R
	B2252751	2" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 3/4" ProPEX	88	\$1,230.15	1				R
	B2252752	2" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 3/4" ProPEX	88	\$2,460.40	1				R
	B2253751	3" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 3/4" ProPEX	88	\$1,279.75	1				R
	B2253752	3" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 3/4" ProPEX	88	\$2,559.50	1				R
	B2254751	4" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 3/4" ProPEX	88	\$1,337.55	1				R
	B2254752	4" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 3/4" ProPEX	88	\$2,675.05	1				R
	B2272101	2" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 1" ProPEX	88	\$1,469.60	1				R
	B2272102	2" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 1" ProPEX	88	\$2,939.30	1				R
	B2273101	3" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 1" ProPEX	88	\$1,519.20	1				R
	B2273102	3" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 1" ProPEX	88	\$3,034.20	1				R
	B2274101	4" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 1" ProPEX	88	\$1,577.00	1				R
	B2274102	4" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 1" ProPEX	88	\$3,153.95	1				R
New	CP4501300	ProPEX LF Brass x CPVC Spigot Adapter Kit, 1 1/2" PEX x 1 1/4" CPVC (IPS or CTS)	33, 111	\$62.30	1			P	R
	CP4501313	ProPEX LF Brass x CPVC Spigot Adapter, 1 1/2" PEX x 1 1/4" CPVC (CTS)	33, 111	\$59.20	1			P	R
New	CP4501500	ProPEX LF Brass x CPVC Spigot Adapter Kit, 1 1/2" PEX x 1 1/2" CPVC (IPS or CTS)	33, 111	\$80.40	1			P	R
	CP4501515	ProPEX LF Brass x CPVC Spigot Adapter, 1 1/2" PEX x 1 1/2" CPVC (CTS)	33, 111	\$76.50	1			P	R
New	CP4502000	ProPEX LF Brass x CPVC Spigot Adapter Kit, 2" PEX x 2" CPVC (IPS or CTS)	33, 111	\$128.00	1			P	R
	CP4502020	ProPEX LF Brass x CPVC Spigot Adapter, 2" PEX x 2" CPVC (CTS)	33, 111	\$123.90	1			P	R
	CP4511313	ProPEX LF Brass x CPVC Socket Adapter, 1 1/4" PEX x 1 1/4" CPVC (CTS)	33, 111	\$59.20	1			P	R
	CP4511515	ProPEX LF Brass x CPVC Socket Adapter, 1 1/2" PEX x 1 1/2" CPVC (CTS)	33, 111	\$76.50	1			P	R
	CP4512020	ProPEX LF Brass x CPVC Socket Adapter, 2" PEX x 2" CPVC (CTS)	33, 111	\$123.90	1			P	R
	D1140750	3/4" MLC Tubing, 100-ft. coil	63	\$277.45	1				R
	D1141000	1" MLC Tubing, 100-ft. coil	63	\$422.45	1				R
	D1220500	1/2" MLC Tubing, 1,000-ft. coil	63	\$1,509.10	1				R
	D1220625	3/8" MLC Tubing, 1,000-ft. coil	63	\$1,910.85	1				R
	D1240750	3/4" MLC Tubing, 500-ft. coil	63	\$1,387.00	1				R

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Alphanumeric Listing 2017

New or Discont.	Part Number	Description	Page Number	2016 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category			
							Plumbing	Fire	Radiant	Ecoflex
	D1250500	1/2" MLC Tubing, 300-ft. coil	63	\$452.80	1				R	
	D1250625	5/8" MLC Tubing, 300-ft. coil	63	\$573.25	1				R	
	D1250750	3/4" MLC Tubing, 300-ft. coil	63	\$632.25	1				R	
	D1251000	1" MLC Tubing, 300-ft. coil	63	\$1,267.90	1				R	
	D4020500	1/2" MLC Press Fitting Assembly, R20 thread	68, 74, 80, 86	\$21.30	10				R	
	D4020625	5/8" MLC Press Fitting Assembly, R20 thread	68, 74, 80, 86	\$27.65	10				R	
	D4030625	3/4" MLC Press Fitting Assembly, R25 thread	86	\$23.15	10				R	
	D4030750	1" MLC Press Fitting Assembly, R25 thread	86	\$24.50	10				R	
	D4120500	1/2" MLC Tubing Compression Fitting Assembly, R20 thread	68, 74, 80, 86	\$22.95	10				R	
	D4120625	5/8" MLC Tubing Compression Fitting Assembly, R20 thread	68, 74, 80, 86	\$39.75	10				R	
	D4120750	3/4" MLC Tubing Compression Fitting Assembly, R25 thread	86	\$38.40	10				R	
	D4143210	MLC Press Fitting Manifold Straight Adapter, R32 x 1" MLC Press Fitting	68, 74, 116	\$31.45	10				R	
	D4143263	MLC Press Fitting Manifold Straight Adapter, R32 x 5/8" MLC Press Fitting	68, 74, 116	\$33.30	10				R	
	D4143275	MLC Press Fitting Manifold Straight Adapter, R32 x 3/4" MLC Press Fitting	68, 74, 116	\$30.45	10				R	
	D4153210	MLC Press Fitting Manifold Elbow Adapter, R32 x 1" MLC Press Fitting	68, 74, 116	\$35.80	10				R	
	D4153263	MLC Press Fitting Manifold Elbow Adapter, R32 x 5/8" MLC Press Fitting	68, 74, 116	\$36.45	10				R	
	D4153275	MLC Press Fitting Manifold Elbow Adapter, R32 x 3/4" MLC Press Fitting	68, 74, 116	\$39.40	10				R	
	D4375075	MLC Press Fitting Baseboard Elbow, 1/2" MLC Tubing x 3/4" Copper Fitting Adapter	117	\$23.65	10				R	
	D4376375	MLC Press Fitting Baseboard Elbow, 5/8" MLC Tubing x 3/4" Copper Fitting Adapter	117	\$23.65	10				R	
	D4377575	MLC Press Fitting Baseboard Elbow, 3/4" MLC Tubing x 3/4" Copper Fitting Adapter	117	\$23.65	10				R	
	D4385075	MLC Press Fitting Baseboard Elbow, 1/2" MLC Tubing x 3/4" Copper Adapter	117	\$32.00	10				R	
	D4386375	MLC Press Fitting Baseboard Elbow, 5/8" MLC Tubing x 3/4" Copper Adapter	117	\$24.85	10				R	
	D4387575	MLC Press Fitting Baseboard Elbow, 3/4" MLC Tubing x 3/4" Copper Adapter	117	\$24.35	10				R	
	D4395075	MLC Press Fitting Baseboard Tee, 1/2" MLC Tubing x 3/4" Copper Adapter	117	\$24.70	10				R	
	D4396375	MLC Press Fitting Baseboard Tee, 5/8" MLC Tubing x 3/4" Copper Adapter	117	\$24.70	10				R	
	D4501010	MLC Press Fitting Brass Fitting Adapter, 1" MLC Tubing x 1" Copper	116	\$21.60	10				R	
	D4505050	MLC Press Fitting Brass Fitting Adapter, 1/2" MLC Tubing x 1/2" Copper	116	\$28.35	10				R	
	D4505075	MLC Press Fitting Brass Fitting Adapter, 1/2" MLC Tubing x 3/4" Copper	116	\$11.55	10				R	
	D4506375	MLC Press Fitting Brass Fitting Adapter, 5/8" MLC Tubing x 3/4" Copper	116	\$19.80	10				R	
	D4507510	MLC Press Fitting Brass Fitting Adapter, 3/4" MLC Tubing x 1" Copper	116	\$30.05	10				R	
	D4507575	MLC Press Fitting Brass Fitting Adapter, 3/4" MLC Tubing x 3/4" Copper	116	\$15.80	10				R	
	D4511010	MLC Press Fitting Brass Adapter, 1" MLC Tubing x 1" Copper	116	\$21.35	10				R	
	D4515050	MLC Press Fitting Brass Adapter, 1/2" MLC Tubing x 1/2" Copper	116	\$16.50	10				R	
	D4515075	MLC Press Fitting Brass Adapter, 1/2" MLC Tubing x 3/4" Copper	116	\$11.95	10				R	
	D4516375	MLC Press Fitting Brass Adapter, 5/8" MLC Tubing x 3/4" Copper	116	\$21.55	10				R	
	D4517510	MLC Press Fitting Brass Adapter, 3/4" MLC Tubing x 1" Copper	116	\$21.85	10				R	
	D4517575	MLC Press Fitting Brass Adapter, 3/4" MLC Tubing x 3/4" Copper	116	\$26.15	10				R	

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Alphanumeric Listing 2017

New or Discont.	Part Number	Description	Page Number	2016 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category		
							Plumbing	Fire	Radiant
	D4521010	MLC Press Fitting Brass Male Threaded Adapter, 1" MLC Tubing x 1" NPT	80, 115	\$32.95	10				R
	D4525075	MLC Press Fitting Brass Male Threaded Adapter, 1/2" MLC Tubing x 3/4" NPT	115	\$26.30	10				R
	D4526375	MLC Press Fitting Brass Male Threaded Adapter, 5/8" MLC Tubing x 3/4" NPT	115	\$23.35	10				R
	D4527510	MLC Press Fitting Brass Male Threaded Adapter, 3/4" MLC Tubing x 1" NPT	80, 115	\$28.45	10				R
	D4527575	MLC Press Fitting Brass Male Threaded Adapter, 3/4" MLC Tubing x 3/4" NPT	115	\$27.40	10				R
	D4541010	MLC Press Fitting Brass Coupling, 1" MLC Tubing x 1" MLC Tubing	114	\$31.15	10				R
	D4545050	MLC Press Fitting Brass Coupling, 1/2" MLC Tubing x 1/2" MLC Tubing	114	\$14.95	10				R
	D4546363	MLC Press Fitting Brass Coupling, 5/8" MLC Tubing x 5/8" MLC Tubing	114	\$19.15	10				R
	D4547575	MLC Press Fitting Brass Coupling, 3/4" MLC Tubing x 3/4" MLC Tubing	114	\$21.55	10				R
	D4571010	MLC Press Fitting Brass Female Threaded Adapter, 1" MLC Tubing x 1" NPT	115	\$53.50	10				R
	D4575075	MLC Press Fitting Brass Female Threaded Adapter, 1/2" MLC Tubing x 3/4" NPT	115	\$28.60	10				R
	D4576375	MLC Press Fitting Brass Female Threaded Adapter, 5/8" MLC Tubing x 3/4" NPT	115	\$22.50	10				R
	D4577510	MLC Press Fitting Brass Female Threaded Adapter, 3/4" MLC Tubing x 1" NPT	115	\$32.35	10				R
	D4577575	MLC Press Fitting Brass Female Threaded Adapter, 3/4" MLC Tubing x 3/4" NPT	115	\$25.35	10				R
	D4701010	MLC Press Fitting Brass Tee, 1" MLC Tubing x 1" MLC Tubing x 1" MLC Tubing	114	\$41.60	10				R
	D4701150	MLC Press Fitting Brass Reducing Tee, 1" MLC Tubing x 1" MLC Tubing x 1/2" MLC Tubing	114	\$35.40	10				R
	D4701175	MLC Press Fitting Brass Reducing Tee, 1" MLC Tubing x 1" MLC Tubing x 3/4" MLC Tubing	114	\$36.45	10				R
	D4707550	MLC Press Fitting Brass Reducing Tee, 3/4" MLC Tubing x 3/4" MLC Tubing x 1/2" MLC Tubing	114	\$43.45	10				R
	D4707575	MLC Press Fitting Brass Tee, 3/4" MLC Tubing x 3/4" MLC Tubing x 3/4" MLC Tubing	114	\$30.40	10				R
	D4710625	MLC Press Fitting Brass Elbow, 5/8" MLC Tubing x 5/8" MLC Tubing	114	\$14.45	10				R
	D4710750	MLC Press Fitting Brass Elbow, 3/4" MLC Tubing x 3/4" MLC Tubing	114	\$27.25	10				R
	D4711000	MLC Press Fitting Brass Elbow, 1" MLC Tubing x 1" MLC Tubing	114	\$73.65	10				R
	D6100500	1/2" MLC Tubing T-handle Chamfering Tool	141	\$64.10	1				R
	D6100625	5/8" MLC Tubing T-handle Chamfering Tool	141	\$66.20	1				R
	D6100750	3/4" MLC Tubing T-handle Chamfering Tool	141	\$81.70	1				R
	D6101000	1" MLC Tubing T-handle Chamfering Tool	141	\$118.15	1				R
	D6105063	MLC Tubing Three-way Chamfering Tool, 1/2", 5/8", 3/4"	142	\$93.95	1				R
	D6165010	MLC Tubing Bending Tool (up to 1" Tubing)	142	\$1,102.30	1				R
	D6260000	Mini-Press Battery Tool Kit (No Jaws)	141	\$3,655.00	1				R
	D6260001	Mini-Press Tool Battery 9.6V, replacement part	141	\$368.25	1				R
	D6260002	Mini-Press Tool Battery Charger, replacement part	141	\$362.30	1				R
	D6260500	1/2" Press Jaw for Mini-Press Battery Tool	141	\$460.10	1				R
	D6260625	5/8" Press Jaw for Mini-Press Battery Tool	141	\$434.00	1				R
	D6260750	3/4" Press Jaw for Mini-Press Battery Tool	141	\$530.50	1				R
	D6261000	1" Press Jaw for Mini-Press Battery Tool	141	\$501.25	1				R
	D6261632	Mini-Press Battery Tool Kit (with jaws)	141	\$6,703.55	1				R

Alphanumeric Listing 2017

New or Disc.	Part Number	Description	Page Number	2016 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category			
							Plumbing	Fire	Radiant	Ecoflex
	D6270500	1/2" Replacement Insert for MLC Press Fitting Manual Press Tool	141	\$399.95	1				R	
	D6270625	5/8" Replacement Insert for MLC Press Fitting Manual Press Tool	141	\$369.00	1				R	
	D6275063	MLC Press Fitting Manual Tool Kit	141	\$1,496.90	1				R	
	E6021638	Pneumatic Stapler Kit	147	\$2,973.20	1				R	
	E6025000	PEX Foam Stapler	148	\$714.00	1				R	
Disc.	E6025075	Manual Foam Stapler	148	\$1,058.35	1				R	
	E6050000	Quik Trak Installation Tool Kit	119, 142	\$1,315.50	1				R	
	E6050005	Quik Drive Bits (set of 3 square drive bits)	119, 142	\$31.05	1				R	
	E6050010	Quik Trak Sealant, 10.3 fluid oz. (300 ml)	119, 147	\$17.25	24				R	
	E6051250	Quik Trak Screws (1 1/4"), 2,500/pkg.	119, 147	\$275.65	1				R	
	E6061000	Tube Uncoiler	137	\$533.05	1		P	F	R	
	E6062000	Select Uncoiler	137	\$1,909.30	1		P	F	R	
	E6081125	Tube Cutter (metal) for up to 1" PEX	137	\$46.20	1		P	F	R	E
	E6081128	Tube Cutter (plastic) for up to 1" PEX and 3/4" MLC Tubing	137	\$37.90	1		P	F	R	E
	E6081140	Tube Cutter Replacement Blade for E6081125, spare part	137	\$18.95	1		P	F	R	E
	E6081143	Tube Cutter Replacement Blade for E6081128, spare part	137	\$27.10	1		P	F	R	E
	E6081501	Ratchet-style Tube Cutter for up to 1", PEX and MLC Tubing	138	\$43.10	1				R	E
	E6081544	Tube Cutter Replacement Blade for E6081500, spare part	138	\$21.20	1		P	F	R	E
	E6081545	Tube Cutter Replacement Blade for E6081501, spare part	138	\$20.20	1				R	E
	E6082000	Ratchet-style Large Dimension Tube Cutter for 1" to 2" PEX and 1" MLC Tubing	138	\$324.90	1		P	F	R	E
	E6082001	Tube Cutter Replacement Blade for E6082000, spare part	138	\$93.55	1		P	F	R	E
New	E6083000	Ratchet-style PEX Pipe Cutter, up to 3"	138	\$625.00	1		P	F	R	E
New	E6083001	Tube Cutter Replacement Blade for E6083000, spare part	138	\$320.00	1		P	F	R	E
New	E6084000	Swing-style PEX Pipe Cutter, up to 4"	137	\$475.00	1		P	F	R	E
New	E6084001	Tube Cutter Replacement Blade for E6084000, spare part	137	\$70.00	1		P	F	R	E
	E6090005	Fixing Wire Twister	146	\$7.45	1				R	
	E6091700	Ratchet-style Fixing Wire Twister	146	\$91.00	1				R	
	E6110046	TruFLOW Service Wrench, 46mm (1 7/8")	142	\$185.35	1				R	
	E6111188	1 3/8" Service Wrench	142	\$80.20	1				R	
New	E6113000	S-hook for ProPEX fittings	138	\$25.00	1		P	F	R	E
	E6122000	Brass Manifold Pressure Test Kit	84	\$86.10	1				R	
	F1021250	1 1/2" Uponor AquaPEX White, 300-ft. coil	14, 47, 65	\$1,435.55	1		P	F		
	F1021500	1 1/2" Uponor AquaPEX White, 300-ft. coil	14, 65	\$1,690.60	1		P	F		
	F1022000	2" Uponor AquaPEX White, 300-ft. coil	14, 65	\$3,375.95	1		P	F		
New	F1022500	2 1/2" Uponor AquaPEX White, 300-ft. coil	14, 65	\$4,416.50	1		P	F		
New	F1023000	3" Uponor AquaPEX White, 300-ft. coil	14, 65	\$5,996.35	1		P	F		
	F1035400	1/2" HDPE Corrugated Sleeve, Red, 400-ft. coil	18	\$244.50	1		P	F		

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Alphanumeric Listing 2017

New or Discont.	Part Number	Description	Page Number	2016 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category		
							Plumbing	Fire	Radiant
	F-1037400	¾" HDPE Corrugated Sleeve, Red, 400 ft.	18	\$349.75	1				
	F-1040250	¼" Uponor AquaPEX White, 100-ft. coil	14, 65	\$63.55	1		P		
	F-1040500	½" Uponor AquaPEX White, 100-ft. coil	14, 47, 65	\$73.50	1		P	F	
	F-1040750	¾" Uponor AquaPEX White, 100-ft. coil	14, 47, 65	\$126.00	1		P	F	
	F-1041000	1" Uponor AquaPEX White, 100-ft. coil	14, 47, 65	\$226.95	1		P	F	
	F-1052000	2" Uponor AquaPEX White, 200-ft. coil	14, 65	\$2,250.60	1		P		
	F-1055400	½" HDPE Corrugated Sleeve, Blue, 400-ft. coil	18	\$244.50	1		P		
	F-1057400	¾" HDPE Corrugated Sleeve, Blue, 400 ft.	18	\$349.75	1				
	F-1060500	½" Uponor AquaPEX White, 300-ft. coil	14, 47, 65	\$220.40	1		P	F	
	F-1060502	½" Uponor AquaPEX Purple Reclaimed Water, 300-ft. coil	16	\$231.30	1		P		
	F-1060625	⅝" Uponor AquaPEX White, 300-ft. coil	65	\$329.50	1				R
	F-1060750	¾" Uponor AquaPEX White, 300-ft. coil	14, 47, 65	\$377.85	1		P	F	
	F-1060752	¾" Uponor AquaPEX Purple Reclaimed Water, 300-ft. coil	16	\$396.55	1		P		
	F-1061000	1" Uponor AquaPEX White, 300-ft. coil	14, 47, 65	\$681.00	1		P	F	
	F-1061002	1" Uponor AquaPEX Purple Reclaimed Water, 300-ft. coil	16	\$714.60	1		P		
	F-1061250	1¼" Uponor AquaPEX White, 100-ft. coil	14, 47, 65	\$478.60	1		P	F	
	F-1061500	1½" Uponor AquaPEX White, 100-ft. coil	14, 65	\$563.55	1		P		
	F-1062000	2" Uponor AquaPEX White, 100-ft. coil	14, 65	\$1,125.30	1		P		
New	F-1062500	2½" Uponor AquaPEX White, 100-ft. coil	14, 65	\$1,472.15	1		P		
New	F-1063000	3" Uponor AquaPEX White, 100-ft. coil	14, 65	\$1,998.75	1		P		
	F-1072512	¾" O.D. x 12" Lav Riser	35	\$1.45	100		P		
	F-1072520	¾" O.D. x 20" Lav Riser	35	\$2.00	100		P		
	F-1072530	¾" O.D. x 30" Lav Riser	35	\$2.60	100		P		
	F-1072536	¾" O.D. x 36" Lav Riser	35	\$3.40	100		P		
	F-1082512	¾" O.D. x 12" Closet Riser	35	\$1.60	100		P		
	F-1082520	¾" O.D. x 20" Closet Riser	35	\$2.00	100		P		
	F-1090375	¾" Uponor AquaPEX White, 400-ft. coil	14, 65	\$259.70	1		P		
	F-1091500	½" Pre-sleeved Uponor AquaPEX Blue Sleeve, 400-ft. coil	17	\$494.85	1		P		
	F-1091750	¾" Pre-sleeved Uponor AquaPEX Blue Sleeve, 400-ft. coil	17	\$763.50	1		P		
	F-1092500	½" Pre-sleeved Uponor AquaPEX Red Sleeve, 400-ft. coil	17	\$494.85	1		P		
	F-1092750	¾" Pre-sleeved Uponor AquaPEX Red Sleeve, 400-ft. coil	17	\$763.50	1		P		
	F-1100500	½" Uponor AquaPEX White, 500-ft. coil	14, 47, 65	\$367.45	1		P	F	
	F-1100750	¾" Uponor AquaPEX White, 500-ft. coil	14, 47, 65	\$629.80	1		P	F	
	F-1101000	1" Uponor AquaPEX White, 500-ft. coil	14, 47, 65	\$1,135.05	1		P	F	
	F-1120375	¾" Uponor AquaPEX White, 1,000-ft. coil	14, 65	\$649.20	1		P		
	F-1120500	½" Uponor AquaPEX White, 1,000-ft. coil	14, 47, 65	\$734.80	1		P	F	
	F-1120625	⅝" Uponor AquaPEX White, 1,000-ft. coil	65	\$1,098.35	1				R

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Alphanumeric Listing 2017

New or Discont.	Part Number	Description	Page Number	2016 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category		
							Plumbing	Fire	Radiant
New	F1911256	1/4" Uponor AquaPEX Purple Reclaimed Water, 10-ft. straight length, 50 ft. (5 per bundle)	16	\$287.50	1		P		
New	F1911506	1/2" Uponor AquaPEX Purple Reclaimed Water, 10-ft. straight length, 50 ft. (5 per bundle)	16	\$354.20	1		P		
New	F1912006	2" Uponor AquaPEX Purple Reclaimed Water, 10-ft. straight length, 50 ft. (5 per bundle)	16	\$682.65	1		P		
New	F1912500	2 1/2" Uponor AquaPEX White, 10-ft. straight lengths, 30 ft. (3 per bundle)	15, 66	\$463.75	1		P		
New	F1913000	3" Uponor AquaPEX White, 10-ft. straight lengths, 30 ft. (3 per bundle)	15, 66	\$629.60	1		P		
	F1921000	1" Uponor AquaPEX White, 20-ft. straight length, 200 ft. (10 per bundle)	15, 47, 66	\$454.05	1		P	F	
New	F1921002	1" Uponor AquaPEX Purple Reclaimed Water, 20-ft. straight length, 20-ft. straight length, 200 ft. (10 per bundle)	16	\$550.35	1		P		
	F1921250	1/4" Uponor AquaPEX White, 20-ft. straight length, 100 ft. (5 per bundle)	15, 47, 66	\$478.60	1		P	F	
	F1921500	1/2" Uponor AquaPEX White, 20-ft. straight length, 100 ft. (5 per bundle)	15, 66	\$563.55	1		P		
	F1922000	2" Uponor AquaPEX White, 20-ft. straight length, 100 ft. (5 per bundle)	15, 66	\$1,125.30	1		P		
New	F1922500	2 1/2" Uponor AquaPEX White, 20-ft. straight lengths, 60 ft. (3 per bundle)	15, 66	\$883.30	1		P		
New	F1923000	3" Uponor AquaPEX White, 20-ft. straight length, 40 ft. (2 per bundle)	15, 66	\$799.50	1		P		
	F1930500	1/2" Uponor AquaPEX White, 20-ft. straight length, 500 ft. (25 per bundle)	15, 47, 66	\$367.35	1		P	F	
	F1930750	3/4" Uponor AquaPEX White, 20-ft. straight length, 300 ft. (15 per bundle)	15, 47, 66	\$377.85	1		P	F	
New	F1961002	1" Uponor AquaPEX Purple Reclaimed Water, 10-ft. straight length, 100 ft. (10 per bundle)	16	\$275.15	1		P		
New	F1961256	1/4" Uponor AquaPEX Purple Reclaimed Water, 20-ft. straight length, 100 ft. (5 per bundle)	16	\$513.70	1		P		
New	F1961502	1/2" Uponor AquaPEX Purple Reclaimed Water, 20-ft. straight length, 100 ft. (5 per bundle)	16	\$661.50	1		P		
New	F1962002	2" Uponor AquaPEX Purple Reclaimed Water, 20-ft. straight length, 100 ft. (5 per bundle)	16	\$1,325.35	1		P		
	F2040500	1/2" Uponor AquaPEX Red, 100-ft. coil	15	\$73.49	1		P		
	F2040750	3/4" Uponor AquaPEX Red, 100-ft. coil	15	\$126.02	1		P		
	F2041000	1" Uponor AquaPEX Red, 100-ft. coil	15	\$226.95	1		P		
	F2060500	1/2" Uponor AquaPEX Red, 300-ft. coil	15	\$220.42	1		P		
	F2060750	3/4" Uponor AquaPEX Red, 300-ft. coil	15	\$377.86	1		P		
	F2061000	1" Uponor AquaPEX Red, 300-ft. coil	15	\$681.00	1		P		
	F2100750	3/4" Uponor AquaPEX Red, 500-ft. coil	15	\$629.80	1		P		
	F2101000	1" Uponor AquaPEX Red, 500-ft. coil	15	\$1,135.06	1		P		
	F2120500	1/2" Uponor AquaPEX Red, 1,000-ft. coil	15	\$734.81	1		P		
	F2751050	1" Copper Valveless Manifold, 3 outlets, 1/2" sweat, 1/2" on center	42	\$59.00	1		P		
	F2761050	1" Copper Valveless Manifold, 4 outlets, 1/2" sweat, 1/2" on center	42	\$63.90	1		P		
	F2801575	1 1/2" x 6' Copper Valveless Manifold with 24 outlets, 3/4" sweat	42	\$574.80	1		P		
	F2802075	2" x 6' Copper Valveless Manifold with 24 outlets, 3/4" sweat	42	\$830.40	1		P		
	F2811220	2" x 4' Copper Valved Manifold with R20 Threaded Ball Valves, 12 outlets	87	\$996.20	1				R

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Alphanumeric Listing 2017

New or Discont.	Part Number	Description	Page Number	2016 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category			
							Plumbing	Fire	Radiant	Category
	F2811225	2" x 4" Copper Valved Manifold with R25 Threaded Ball Valves, 12 outlets	87	\$1,034.50	1				R	
	F2821220	2" x 4" Copper Valved Manifold with R20 Threaded Ball and Balancing Valves, 12 outlets	87	\$1,710.00	1				R	
	F2821225	2" x 4" Copper Valved Manifold with R25 Threaded Ball and Balancing Valves, 12 outlets	87	\$1,468.00	1				R	
	F2921000	1" Uponor AquaPEX Red, 20-ft. straight length, 200 ft. (10 per bundle)	15	\$454.05	1		P			
	F2930500	1/2" Uponor AquaPEX Red, 20-ft. straight length, 500 ft. (25 per bundle)	15	\$367.35	1		P			
	F2930750	3/4" Uponor AquaPEX Red, 20-ft. straight length, 300 ft. (15 per bundle)	15	\$377.85	1		P			
	F3040500	1/2" Uponor AquaPEX Blue, 100-ft. coil	16	\$73.50	1		P			
	F3040750	3/4" Uponor AquaPEX Blue, 100-ft. coil	16	\$126.00	1		P			
	F3041000	1" Uponor AquaPEX Blue, 100-ft. coil	16	\$226.95	1		P			
	F3060500	1/2" Uponor AquaPEX Blue, 300-ft. coil	16	\$220.40	1		P			
	F3060750	3/4" Uponor AquaPEX Blue, 300-ft. coil	16	\$377.85	1		P			
	F3061000	1" Uponor AquaPEX Blue, 300-ft. coil	16	\$681.00	1		P			
	F3100750	3/4" Uponor AquaPEX Blue, 500-ft. coil	16	\$629.80	1		P			
	F3101000	1" Uponor AquaPEX Blue, 500-ft. coil	16	\$1,135.05	1		P			
	F3120500	1/2" Uponor AquaPEX Blue, 1,000-ft. coil	16	\$734.80	1		P			
	F3921000	1" Uponor AquaPEX Blue, 20-ft. straight length, 200 ft. (10 per bundle)	16	\$454.05	1		P			
	F3930500	1/2" Uponor AquaPEX Blue, 20-ft. straight length, 500 ft. (25 per bundle)	16	\$367.35	1		P			
	F3930750	3/4" Uponor AquaPEX Blue, 20-ft. straight length, 300 ft. (15 per bundle)	16	\$377.85	1		P			
	F4350500	1/2" Protective Tubing Cap	145	\$0.70	50		P	F	R	
	F4350625	3/8" Protective Tubing Cap	145	\$0.60	50				R	
	F4350750	3/4" Protective Tubing Cap	145	\$1.20	50		P	F	R	
	F4351000	1" Protective Tubing Cap	145	\$1.30	50		P	F	R	
	F4440500	1/2" Compression Ring (brass)	34	\$1.40	10		P			
	F5120375	3/8" Metal Drop Ear Bend Support	144	\$9.30	25		P			
	F5120500	1/2" Metal Drop Ear Bend Support	144	\$9.70	25		P			
	F5140500	1/2" Metal Straight-through Support	144	\$12.95	25		P	F		
	F5200375	3/8" Plastic Drop Ear Bend Support	143	\$3.75	25		P			
	F5200500	1/2" Plastic Drop Ear Bend Support	143	\$3.60	25		P			
	F5400250	1/4" Insert (stainless steel)	40	\$1.10	10		P			
	F5400500	1/2" Insert (stainless steel)	34	\$2.00	10		P			
	F5600500	Chrome Finishing Sleeve for 1/2" PEX (1 1/16" O.D.)	35	\$6.15	25		P			
	F5630001	2 1/2" Stem Extension Kit for 1/2" and 3/4" Valves	36, 89	\$24.70	1		P		R	
	F5630002	2 1/2" Stem Extension Kit for 1" and 1 1/2" Valves	36, 89	\$26.80	1		P		R	
	F5630003	2 1/2" Stem Extension Kit for 1 1/2" and 2" Valves	36, 89	\$48.30	1		P		R	
	F5650500	ProPEX Escutcheon for 1/2" PEX (1 1/16" O.D.), chrome-plated	35	\$11.95	25		P			
	F5670500	ProPEX Escutcheon for 1/2" PEX (1 1/16" O.D.), white	35	\$3.35	25		P			

Alphanumeric Listing 2017

New or Discont.	Part Number	Description	Page Number	2016 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category			
							Plumbing	Fire	Radiant	Ecoflex
	F5700002	Steel Plate Protector, 100/pkg.	147	\$39.95	1		P	F	R	
	F5801000	Single-tube PEX Stand-up Bracket for 1/2" PEX	144	\$15.80	60		P		R	
	F5805000	Five-tube PEX Stand-up Bracket for 1/2" PEX	144	\$57.10	16		P		R	
	F6040500	1/2" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil	17, 128	\$357.20	1		P		R	
	F6040750	3/4" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil	17, 128	\$437.75	1		P		R	
	F6041000	1" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil	17, 128	\$532.95	1		P		R	
	F6041250	1 1/4" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil	17, 128	\$867.10	1		P		R	
	F6041500	1 1/2" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil	17, 128	\$985.85	1		P		R	
	F6042000	2" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil	17, 128	\$1,714.65	1		P		R	
	F6150500	1/2" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	17, 128	\$545.90	1		P		R	
	F6150750	3/4" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	17, 128	\$638.60	1		P		R	
	F6151000	1" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	17, 128	\$777.65	1		P		R	
	F6151250	1 1/4" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	17, 128	\$1,091.80	1		P		R	
	F6161500	1 1/2" Pre-insulated Uponor AquaPEX with 1 1/2" insulation, 75-ft. coil	17, 128	\$1,205.10	1		P		R	
	F6162000	2" Pre-insulated Uponor AquaPEX with 1 1/2" insulation, 75-ft. coil	17, 128	\$1,456.15	1		P		R	
	F6921250	1 1/4" Pre-insulated Uponor AquaPEX with 1/2" insulation, 20-ft. straight length, 100-ft.	17, 129	\$867.10	1					
	F6921500	1 1/2" Pre-insulated Uponor AquaPEX with 1/2" insulation, 20-ft. straight length, 100-ft.	17, 129	\$985.85	1					
	F6922000	2" Pre-insulated Uponor AquaPEX with 1/2" insulation, 20-ft. straight length, 100-ft.	17, 129	\$1,714.65	1		P			
	F7000005	Fire Sprinkler Adapter Push-on Nut, 25/pkg.	48	\$62.50	1			F		
	F7001500	Screws, #10 x 1-1/2", Pan Head, Full Thread, 100/pkg.	48	\$25.00	1			F		
	F7040500	1/2" PEX-a Pipe Support, 9-ft. length	19, 66, 143	\$12.20	5		P		R	
	F7040750	3/4" PEX-a Pipe Support, 9-ft. length	19, 66, 143	\$13.70	5		P		R	
	F7041000	1" PEX-a Pipe Support, 9-ft. length	19, 66, 143	\$14.20	5		P		R	
	F7041250	1 1/4" PEX-a Pipe Support, 9-ft. length	19, 66, 143	\$18.25	5		P		R	
	F7041500	1 1/2" PEX-a Pipe Support, 9-ft. length	19, 66, 143	\$20.15	5		P		R	
	F7042000	2" PEX-a Pipe Support, 9-ft. length	19, 66, 143	\$23.30	5		P		R	
	F7042500	2 1/2" PEX-a Pipe Support, 9-ft. length	19, 66, 143	\$38.00	5		P		R	
	F7043000	3" PEX-a Pipe Support, 9-ft. length	19, 66, 143	\$40.00	5		P		R	
	F7043500	3 1/2" PEX-a Pipe Support, 9-ft. length	19, 66, 143	\$48.80	5		P		R	
	F7050375	Tube Talon (5/8" PEX), 100/pkg.	145	\$33.65	1		P		R	
	F7050750	Tube Talon (1/2", 5/8", 3/4" PEX), 100/bag	145	\$29.35	1		P	F	R	
	F7051000	Tube Talon (1" PEX), 50/pkg.	145	\$36.50	1		P	F	R	
	F7051001	1" PEX Clip, 50/pkg.	145	\$167.55	1		P	F	R	
	F7051258	1/2" PEX Clip, 100/pkg.	145	\$110.70	1		P	F	R	
	F7057500	3/4" PEX Clip, 100/pkg.	145	\$282.85	1		P	F	R	
	F7060375	3/8" PEX Clip, 100/pkg.	145	\$110.70	1		P	F	R	
	LF2500400	1" Copper Manifold with LF Brass 1/2" ProPEX Ball Valve, 4 outlets	42	\$243.00	1		P			

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Alphanumeric Listing 2017

New or Discont.	Part Number	Description	Page Number	2016 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category		
							Plumbing	Fire	Radiant
	LF2500600	1" Copper Manifold with LF Brass 1/2" ProPEX Ball Valve, 6 outlets	42	\$343.05	1		P		
	LF2500800	1" Copper Manifold with LF Brass 1/2" ProPEX Ball Valve, 8 outlets	42	\$453.55	1		P		
	LF2501000	1" Copper Manifold with LF Brass 1/2" ProPEX Ball Valve, 10 outlets	42	\$554.20	1		P		
	LF2501200	1" Copper Manifold with LF Brass 1/2" ProPEX Ball Valve, 12 outlets	42	\$647.30	1		P		
	LF2512450	1" x 6" Copper Manifold with 24 LF Brass outlets, 1/2" ProPEX, 3" on center	42	\$631.25	1		P		
	LF2801050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 4 outlets	41	\$82.25	1		P		
	LF2811050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 6 outlets	41	\$112.20	1		P		
	LF2821050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 8 outlets	41	\$141.35	1		P		
	LF2831050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 10 outlets	41	\$176.35	1		P		
	LF2841050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 12 outlets	41	\$216.60	1		P		
	LF2855050	ProPEX LF Copper Stub Ell, 1/2" PEX LF Brass x 1/2" Copper (13" x 8")	39	\$24.95	25		P		
	LF2865050	ProPEX LF Copper Stub Ell, 1/2" PEX LF Brass x 1/2" Copper (3 1/2" x 8")	39	\$17.45	25		P		
	LF2875050	ProPEX LF Copper Tub Ell, 1/2" PEX LF Brass x 1/2" Copper (3" x 6")	38	\$15.80	25		P		
	LF2885050	ProPEX LF Copper Tub Ell, 1/2" PEX LF Brass x 1/2" Copper (3" x 4")	38	\$14.30	25		P		
New	LF2891010	ProPEX LF Copper Stub Ell, 1" PEX x 1" Copper (12" x 12")	39	\$60.00	1		P		
	LF2895050	ProPEX LF Copper Stub Ell, 1/2" PEX LF Brass x 1/2" Copper (8" x 13")	39	\$25.60	25		P		
	LF2897575	ProPEX LF Copper Stub Ell, 3/4" PEX LF Brass x 3/4" Copper (4" x 8")	39	\$39.15	25		P		
	LF2935050	ProPEX LF Copper Straight Stub, 1/2" PEX LF Brass x 1/2" Copper (8")	39	\$17.95	25		P		
	LF2945050	ProPEX LF Copper Straight Stub, 1/2" PEX LF Brass x 1/2" Copper (15")	39	\$21.55	25		P		
	LF2957575	ProPEX LF Water Heater Adapter, 3/4" PEX LF Brass x 3/4" FIP x 18"	31	\$55.05	20		P		
New	LF2962525	ProPEX LF Copper Straight Stub, 2 1/2" PEX LF Brass x 2 1/2" Copper	39	\$475.00	1		P	R	E
New	LF2963030	ProPEX LF Copper Straight Stub, 3" PEX LF Brass x 3" Copper	39	\$720.00	1		P	R	E
New	LF2982525	ProPEX LF Brass Flange Adapter Kit, 2 1/2" PEX (150 lb)	33, 111	\$589.00	1		P	R	E
New	LF2983030	ProPEX LF Brass Flange Adapter Kit, 3" PEX (150 lb)	33, 111	\$795.00	1		P	R	E
	LF4125050	ProPEX LF Brass Elbow, 1/2" PEX x 1/2" MIP	25, 101	\$13.55	25		P	R	
	LF4231010	ProPEX Drop Ear LF Brass Elbow, 1" PEX x 1" FIP	25	\$51.50	4		P	R	
	LF4235038	ProPEX Drop Ear LF Brass Elbow, 1/2" PEX x 3/8" FIP	25	\$19.70	25		P	R	
	LF4235050	ProPEX Drop Ear LF Brass Elbow, 1/2" PEX x 1/2" FIP	25	\$15.60	25		P	R	
	LF4237575	ProPEX Drop Ear LF Brass Elbow, 3/4" PEX x 3/4" FIP	25	\$34.20	4		P	R	
	LF4410500	LF Brass Compression Angle Stop Valve for 1/2" PEX	34	\$20.20	10		P	R	
	LF4420500	LF Brass Compression Straight Stop Valve for 1/2" PEX	34	\$23.25	10	F4420500	P	R	
	LF4455050	ProPEX LF Brass In-line Ice Maker Tee, 1/2" PEX x 1/2" PEX x 1/2" O.D. compression	37	\$45.30	10		P	R	
	LF4501010	ProPEX LF Brass Fitting Adapter, 1" PEX x 1" Copper	31	\$16.90	10		P	R	E
	LF4501313	ProPEX LF Brass Fitting Adapter, 1 1/4" PEX x 1 1/4" Copper	31	\$37.40	1		P	R	E
	LF4501515	ProPEX LF Brass Fitting Adapter, 1 1/2" PEX x 1 1/2" Copper	31	\$61.70	1	Q4501515	P	R	E
	LF4502020	ProPEX LF Brass Fitting Adapter, 2" PEX x 2" Copper	31	\$176.40	1		P	F	E
	LF4505050	ProPEX LF Brass Fitting Adapter, 1/2" PEX x 1/2" Copper	31	\$4.00	25		P	R	

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Alphanumeric Listing 2017

New or Discont.	Part Number	Description	Page Number	2016 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category			
							Plumbing	Fire	Radiant	Ecolflex
	LF4505075	ProPEX LF Brass Fitting Adapter, 1/2" PEX x 3/4" Copper	31, 109	\$8.15	25		P		R	
	LF4507510	ProPEX LF Brass Fitting Adapter, 3/4" PEX x 1" Copper	31	\$18.05	10		P		R	E
	LF4507550	ProPEX LF Brass Fitting Adapter, 3/4" PEX x 1/2" Copper	31	\$16.65	25		P		R	E
	LF4507575	ProPEX LF Brass Fitting Adapter, 3/4" PEX x 3/4" Copper	31	\$8.80	25		P		R	E
	LF4511010	ProPEX LF Brass Sweat Adapter, 1" PEX x 1" Copper	32, 56	\$15.50	10		P	F	R	E
	LF4511313	ProPEX LF Brass Sweat Adapter, 1 1/4" PEX x 1 1/4" Copper	32, 56	\$42.40	1		P	F	R	E
	LF4511515	ProPEX LF Brass Sweat Adapter, 1 1/2" PEX x 1 1/2" Copper	32	\$64.85	1		P		R	E
	LF4512020	ProPEX LF Brass Sweat Adapter, 2" PEX x 2" Copper	32	\$176.40	1		P		R	E
New	LF4512525	ProPEX LF Brass Sweat Adapter, 2 1/2" PEX x 2 1/2" Copper	32, 108	\$365.00	1		P		R	E
New	LF4513030	ProPEX LF Brass Sweat Adapter, 3" PEX x 3" Copper	32, 108	\$575.00	1		P		R	E
	LF4513850	ProPEX LF Brass Sweat Adapter, 3/8" PEX x 1/2" Copper	32, 108	\$9.80	25		P		R	
	LF4515050	ProPEX LF Brass Sweat Adapter, 1/2" PEX x 1/2" Copper	32	\$4.05	25		P		R	
	LF4515075	ProPEX LF Brass Sweat Adapter, 1/2" PEX x 3/4" Copper	32, 108	\$8.25	25		P		R	
	LF4517510	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 1" Copper	32	\$18.70	10		P		R	E
	LF4517550	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 1 1/2" Copper	32	\$15.25	25		P		R	E
	LF4517575	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 3/4" Copper	32, 56	\$9.30	25		P	F	R	E
	LF4521010	ProPEX LF Brass Male Threaded Adapter, 1" PEX x 1" NPT	30, 55	\$21.80	10		P	F	R	E
	LF4521075	ProPEX LF Brass Male Threaded Adapter, 1" PEX x 3/4" NPT	30	\$22.85	10		P		R	E
	LF4521313	ProPEX LF Brass Male Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	30, 55	\$50.75	1		P	F	R	E
	LF4521515	ProPEX LF Brass Male Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	30	\$67.75	1	Q4521515	P		R	E
	LF4522020	ProPEX LF Brass Male Threaded Adapter, 2" PEX x 2" NPT	30	\$196.00	1		P		R	E
New	LF4522525	ProPEX LF Brass Male Threaded Adapter, 2 1/2" PEX x 2 1/2" NPT	30, 106	\$425.00	1		P		R	E
New	LF4523030	ProPEX LF Brass Male Threaded Adapter, 3" PEX x 3" NPT	30, 106	\$620.00	1		P		R	E
	LF4523850	ProPEX LF Brass Male Threaded Adapter, 3/8" PEX x 1/2" NPT	30, 106	\$12.50	25		P		R	
	LF4525050	ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 1/2" NPT	30	\$5.80	25		P		R	
	LF4525075	ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 3/4" NPT	30, 106	\$15.25	25		P		R	
	LF4527510	ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 1" NPT	30	\$22.85	10		P		R	E
	LF4527575	ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	30, 55	\$10.55	25		P	F	R	E
	LF4541010	ProPEX LF Brass Coupling, 1" PEX x 1" PEX	23, 52, 98	\$18.45	10	Q4771010, Q4541010	P	F	R	E
	LF4543850	ProPEX LF Brass Coupling, 3/8" PEX x 1/2" PEX	23, 98	\$11.40	25		P		R	
	LF4545050	ProPEX LF Brass Coupling, 1/2" PEX x 1/2" PEX	23, 52, 98	\$6.65	25	Q4775050	P	F	R	
	LF4545075	ProPEX LF Brass Coupling, 1/2" PEX x 3/4" PEX	23	\$10.50	25		P		R	
	LF4547510	ProPEX LF Brass Coupling, 3/4" PEX x 1" PEX	23, 52, 98	\$15.65	10	Q4777510	P	F	R	E
	LF4547575	ProPEX LF Brass Coupling, 3/4" PEX x 3/4" PEX	23, 52, 98	\$10.15	25	Q4777575, G4547575	P	F	R	E
	LF4571010	ProPEX LF Brass Female Threaded Adapter, 1" PEX x 1" NPT	32, 56	\$28.35	10		P	F	R	E
	LF4571313	ProPEX LF Brass Female Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	32, 56	\$51.95	1		P	F	R	E
	LF4571515	ProPEX LF Brass Female Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	32	\$110.95	1		P		R	E

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Alphanumeric Listing 2017

New or Discont.	Part Number	Description	Page Number	2016 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category			
							Plumbing	Fire	Radiant	Category
	LF4572020	ProPEX LF Brass Female Threaded Adapter, 2" PEX x 2" NPT	32	\$241.75	1		P		R	E
	LF4575050	ProPEX LF Brass Female Threaded Adapter, 1/2" PEX x 1/2" NPT	32	\$11.65	25		P		R	
	LF4575075	ProPEX LF Brass Female Threaded Adapter, 1/2" PEX x 3/4" NPT	32, 107	\$19.40	25		P		R	
	LF4577510	ProPEX LF Brass Female Threaded Adapter, 3/4" PEX x 1" NPT	32	\$41.60	10		P		R	E
	LF4577575	ProPEX LF Brass Female Threaded Adapter, 3/4" PEX x 3/4" NPT	32, 56	\$13.05	25		P	F	R	E
	LF4585050	ProPEX LF Brass to PB Coupling, 1/2" PEX x 1/2" PB	24	\$11.70	25		P			
	LF4587575	ProPEX LF Brass to PB Coupling, 3/4" PEX x 3/4" PB	24	\$19.40	25		P			
	LF4591010	ProPEX LF Brass to PE Coupling, 1" PEX x 1" PE	24	\$30.50	10		P			
	LF4650500	ProPEX LF Brass Swivel Faucet Adapter, 1/2" PEX x 1/2" NPSM	29	\$14.95	25	Q4360500, Q4655050	P			
	LF4701010	ProPEX LF Brass Tee, 1" PEX x 1" PEX x 1" PEX	25, 53, 101	\$33.65	10	Q4751010	P	F	R	E
	LF4701150	ProPEX LF Brass Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	26, 54, 102	\$33.65	10	Q4751150	P	F	R	E
	LF4701175	ProPEX LF Brass Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	26, 54, 102	\$33.65	10	Q4751175	P	F	R	E
	LF4701751	ProPEX LF Brass Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	26, 54, 102	\$33.65	10	Q4751751	P	F	R	E
	LF4701775	ProPEX LF Brass Reducing Tee, 1" PEX x 1/2" PEX x 1/2" PEX	26, 54, 102	\$33.65	10	Q4751775	P	F	R	E
	LF4705050	ProPEX LF Brass Tee, 1/2" PEX x 1/2" PEX x 1/2" PEX	25, 53, 101	\$11.20	25	Q4755050	P	F	R	
	LF4707550	ProPEX LF Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX	26, 54, 102	\$18.20	25	Q4757550	P	F	R	E
	LF4707575	ProPEX LF Brass Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX	25, 53, 101	\$18.20	25	Q4757575	P	F	R	E
	LF4707710	ProPEX LF Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	26, 54, 102	\$29.35	10	Q4757710	P	F	R	E
	LF4710750	ProPEX LF Brass Elbow, 3/4" PEX x 3/4" PEX	24, 53, 100	\$13.00	25	Q4760750	P	F	R	E
	LF4711000	ProPEX LF Brass Elbow, 1" PEX x 1" PEX	24, 53, 100	\$20.90	10	Q4761000	P	F	R	E
	LF4730500	ProPEX LF Brass Elbow, 1/2" PEX x 1/2" Male CU	25, 101	\$13.35	10				R	
	LF4785025	ProPEX LF Brass Ice Maker Valve, 1/2" PEX x 1/4" O.D. (angle)	37	\$19.30	10		P			
	LF4786025	ProPEX LF Brass Ice Maker Valve, 1/2" PEX x 1/4" O.D. (straight)	37	\$22.40	10		P			
	LF4795050	ProPEX LF Brass Ball Valve, 1/2" PEX x 1/2" MIP	36	\$28.45	10		P			
	LF4805050	ProPEX LF Brass Ball Valve (large bore), 1/2" PEX x 1/2" Copper Adapter	37	\$17.50	10	Q4805050	P			
	LF4807575	ProPEX LF Brass Ball Valve (large bore), 3/4" PEX x 3/4" Copper Adapter	37	\$31.00	10		P			
	LF4815050	ProPEX LF Brass Ball Valve (large bore), 1/2" PEX x 1/2" PEX	36	\$21.50	10	Q4905050	P			
	LF4815055	ProPEX LF Brass Stop and Drain Ball Valve, (0.44" bore) 1/2" PEX	36	\$45.25	10					
	LF4817575	ProPEX LF Brass Ball Valve (large bore), 3/4" PEX x 3/4" PEX	36	\$26.00	10	Q4837575, LF4827575	P			
	LF4817580	ProPEX LF Brass Stop and Drain Ball Valve, (0.44" bore) 3/4" PEX	36	\$52.30	10					
	LF4855038	ProPEX LF Brass Angle Stop Valve (full port), 1/2" PEX	34	\$6.35	10	Q4905038	P			
	LF4865038	ProPEX LF Brass Straight Stop Valve (full port), 1/2" PEX	34	\$9.35	10	Q4935038	P			
	LF5930500	ProPEX Washing Machine Outlet Box, 1/2" LF Brass Valves	39	\$81.05	12		P			
	LF5955025	ProPEX Ice Maker Box with Support Brackets, 1/2" LF Brass Valve	40	\$47.90	12		P			
	LF6700002	LF D'MAND Model 200	43	\$1,890.30	1	Q6700002	P			
	LF6700070	LF D'MAND Model 100	43	\$1,102.65	1	Q6700070	P			
	LF73000WH	LF Recessed Pendant Sprinkler, 155F, 3.0 K-factor, White	49	\$69.20	5			F		

Alphanumeric Listing 2017

New or Discont.	Part Number	Description	Page Number	2016 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category		
							Plumbing	Fire	Radiant
	LF73001WH	LF Recessed Pendant Sprinkler, 175F, 3.0 K-factor, White	49	\$69.20	5			F	
	LF74000HS	LF Flat Concealed Horizontal Sidewall Sprinkler, 165F, 4.0 K-factor	49	\$151.40	5			F	
	LF74300HW	LF Recessed Horizontal Sidewall Sprinkler, 155F, 4.2 K-factor, White	49	\$70.30	5			F	
	LF74301HW	LF Recessed Horizontal Sidewall Sprinkler, 175F, 4.2 K-factor, White	49	\$70.30	5			F	
	LF74900WH	LF Recessed Pendant Sprinkler, 155F, 4.9 K-factor, White	49	\$69.20	5			F	
	LF74901WH	LF Recessed Pendant Sprinkler, 175F, 4.9 K-factor, White	49	\$69.20	5			F	
	LF74970FC	LF RC-RES (162F) Flat Concealed Sprinkler	49, 51	\$51.90	50			F	
	LF74971FW	LF RC-RES (175F) Flat Concealed Sprinkler with White Cover Plate	49, 51	\$91.95	5			F	
	LF7701010	ProPEX LF Brass Fire Sprinkler Adapter Tee, 1" PEX x 1" PEX x 1/2" FNPT	48	\$48.85	5			F	
	LF7707575	ProPEX LF Brass Fire Sprinkler Adapter Tee, 3/4" PEX x 3/4" PEX x 1/2" FNPT	48	\$45.40	5			F	
New	LF7711050	ProPEX LF Brass Fire Sprinkler Adapter Elbow, 1" PEX x 1/2" FNPT	48	\$39.90	5			F	
New	LF7717550	ProPEX LF Brass Fire Sprinkler Adapter Elbow, 3/4" PEX x 1/2" FNPT	48	\$38.35	5			F	
	LFC4821010	ProPEX LF Brass Commercial Ball Valve (full port), 1" PEX x 1" PEX	36	\$75.00	1		P		R
	LFC4821313	ProPEX LF Brass Commercial Ball Valve (full port), 1 1/4" PEX x 1 1/4" PEX	36	\$120.00	1		P		R
	LFC4821515	ProPEX LF Brass Commercial Ball Valve (full port), 1 1/2" PEX x 1 1/2" PEX	36	\$185.00	1		P		R
	LFC4822020	ProPEX LF Brass Commercial Ball Valve (full port), 2" PEX x 2" PEX	36	\$320.00	1		P		R
	LFC4825050	ProPEX LF Brass Commercial Ball Valve (full port), 1/2" PEX x 1/2" PEX	36	\$42.00	10		P		R
	LFC4827575	ProPEX LF Brass Commercial Ball Valve (full port), 3/4" PEX x 3/4" PEX	36	\$54.00	10		P		R
New	LFV2962020	ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2" CTS Groove	29, 110	\$86.00	1		P		R
New	LFV2962025	ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2 1/2" CTS Groove	29, 110	\$87.00	1		P		R
New	LFV2962525	ProPEX LF Groove Fitting Adapter, 2 1/2" PEX LF Brass x 2 1/2" CTS Groove	29, 110	\$130.00	1		P		R
New	LFV2963030	ProPEX LF Groove Fitting Adapter, 3" PEX LF Brass x 3" CTS Groove	29, 110	\$190.00	1		P		R
New	LFV2972020	ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2" IPS Groove	29, 110	\$86.00	1		P		R
New	LFV2972025	ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2 1/2" IPS Groove	29, 110	\$87.00	1		P		R
New	LFV2972520	ProPEX LF Groove Fitting Adapter, 2 1/2" PEX LF Brass x 2" IPS Groove	29, 110	\$128.00	1		P		R
New	LFV2972525	ProPEX LF Groove Fitting Adapter, 2 1/2" PEX LF Brass x 2 1/2" IPS Groove	29, 110	\$130.00	1		P		R
New	LFV2972530	ProPEX LF Groove Fitting Adapter, 2 1/2" PEX LF Brass x 3" IPS Groove	29, 110	\$165.00	1		P		R
New	LFV2973025	ProPEX LF Groove Fitting Adapter, 3" PEX LF Brass x 2 1/2" IPS Groove	29, 110	\$175.00	1		P		R
New	LFV2973030	ProPEX LF Groove Fitting Adapter, 3" PEX LF Brass x 3" IPS Groove	29, 110	\$190.00	1		P		R
	M2306060000	1/2" Wirubo hePEX Radiant Rollout Mat (6" o.c.), 5 loop	64	Call for pricing	1				R
	M2309054000	1/2" Wirubo hePEX Radiant Rollout Mat (9" o.c.), 3 loop	64	Call for pricing	1				R
	M2312072000	1/2" Wirubo hePEX Radiant Rollout Mat (12" o.c.), 3 loop	64	Call for pricing	1				R
	M2406060000	5/8" Wirubo hePEX Radiant Rollout Mat (6" o.c.), 5 loop	64	Call for pricing	1				R
	M2409054000	5/8" Wirubo hePEX Radiant Rollout Mat (9" o.c.), 3 loop	64	Call for pricing	1				R
	M2412072000	5/8" Wirubo hePEX Radiant Rollout Mat (12" o.c.), 3 loop	64	Call for pricing	1				R
	QZ077550	3/4" EP Branch Multi-port Elbow, 7 outlets with mounting clips	21	\$56.70	1		P		

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Alphanumeric Listing 2017

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							Plumbing	Fire	Radiant
	Q2087550	3/4" EP Branch Multi-port Elbow, 8 outlets with mounting clips	21	\$61.45	1	Q2287550, Q2387550, LF2827550	P		
	Q2101000	1" EP Branch Multi-port Elbow, 10 outlets with mounting clips	21	\$65.90	1	Q2101051, LF2837550	P		
	Q2101051	1" EP Branch Multi-port Tee, 10 outlets with mounting clips	22	\$65.75	1	LF2837550, Q2101000	P		
	Q2110300	EP Valved Manifold, 3 outlets with 1/2" ProPEX	40	\$105.20	1		P		
	Q2110400	EP Valved Manifold, 4 outlets with 1/2" ProPEX	40	\$126.20	1		P		
	Q2120001	EP Valved Manifold Red Valve Clip	41	\$1.35	100		P		
	Q2120002	EP Valved Manifold Blue Valve Clip	41	\$1.35	100		P		
	Q2120010	EP Valved Manifold Valve-turning Tool, replacement part	41	\$3.90	10		P		
	Q2120020	EP Valved Manifold Assembly/Mounting Bracket	41	\$9.30	10		P		
	Q2120050	EP Valved Manifold Valve Cylinder with O-rings	41	\$14.75	10		P		
	Q2120750	EP Valved Manifold, 3/4" ProPEX Inlet	40	\$14.90	10		P		
	Q2121000	EP Valved Manifold, 1" ProPEX Inlet	40	\$16.10	10		P		
	Q2121051	1" EP Branch Multi-port Tee, 12 outlets with mounting clips	22	\$71.70	1		P		
	Q2121250	EP Valved Manifold End Cap	40	\$14.75	10		P		
	Q2121251	EP Valved Manifold Stop Coupling	40	\$20.25	10		P		
	Q2121313	EP Valved Manifold Flow-through Coupling	40	\$17.35	10		P		
	Q2227557	EP Flow-through Multi-port Tee, 2 outlets, 3/4" x 3/4" ProPEX	20, 55	\$8.70	10		P		
	Q2231057	EP Flow-through Multi-port Tee, 3 outlets, 1" x 3/4" ProPEX	20, 55	\$29.40	10		P		
	Q2231373	EP Flow-through Multi-port Tee, 3 (3/4") outlets, 1 1/4" x 1 1/4" ProPEX	22	\$52.50	1		P		
	Q2231375	1 1/4" EP Branch Multi-port Tee, 3 (3/4") outlets	22	\$52.50	1		P		
	Q2232102	EP Flow-through Multi-port Tee, 3 (1") outlets, 2" x 2" ProPEX	22	\$194.25	1		P		
	Q2235577	EP Flow-through Multi-port Elbow, 3 outlets, 3/4" x 3/4" ProPEX	21	\$32.70	10		P		
	Q2237550	3/4" EP Branch Multi-port Tee, 3 outlets	19	\$10.20	10	LF2807550, Q2347550	P		
	Q2237557	EP Flow-through Multi-port Tee, 3 outlets, 3/4" x 3/4" ProPEX	20, 55	\$11.85	10		P		
	Q2237757	EP Flow-through Multi-port Vertical Tee, 3 outlets, 3/4" x 3/4" x 3/4" ProPEX	21	\$38.35	10		P		
	Q2241050	1" EP Branch Multi-port Tee, 4 outlets	19	\$33.65	10		P		
	Q2241051	EP Flow-through Multi-port Tee, 4 outlets, 1" x 1" ProPEX	20, 55	\$33.65	10		P		
	Q2241057	EP Flow-through Multi-port Tee, 4 outlets, 1" x 3/4" ProPEX	20, 55	\$33.65	10		P		
	Q2245577	EP Flow-through Multi-port Elbow, 4 outlets, 3/4" x 3/4" ProPEX	21	\$32.70	10		P		
	Q2247550	3/4" EP Branch Multi-port Tee, 4 outlets	19	\$14.80	10	Q2347550, LF2807550	P		
	Q2247557	EP Flow-through Multi-port Tee, 4 outlets, 3/4" x 3/4" ProPEX	20, 55	\$14.80	10		P		
	Q2247577	EP Flow-through Multi-port Horizontal Tee, 4 outlets, 3/4" x 3/4" x 3/4" ProPEX	21	\$42.85	10		P		
	Q2247757	EP Flow-through Multi-port Vertical Tee, 4 outlets, 3/4" x 3/4" x 3/4" ProPEX	21	\$42.85	10		P		
	Q2261050	1" EP Branch Multi-port Tee, 6 outlets	19	\$44.05	10	Q2267550, LF2817550	P		
	Q2261051	EP Flow-through Multi-port Tee, 6 outlets, 1" x 1" ProPEX	20, 55	\$44.05	10		P		
	Q2261057	EP Flow-through Multi-port Tee, 6 outlets, 1" x 3/4" ProPEX	20, 55	\$44.05	10		P		
	Q2267550	3/4" EP Branch Multi-port Tee, 6 outlets	19	\$17.85	10	Q2261050, LF2817550	P		

Alphanumeric Listing 2017

New or Discont.	Part Number	Description	Page Number	2016 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category		
							Plumbing	Fire	Radiant
	Q2287557	EP Flow-through Multi-port Tee, 6 outlets, 3/4" x 3/4" ProPEX	20, 55	\$17.85	10		P		
	Q2271051	1" EP Branch Multi-port Tee, 7 outlets with mounting clips	22	\$55.50	1		P		
	Q2277550	3/4" EP Branch Multi-port Tee, 7 outlets with mounting clips	22	\$57.15	1	Q2087550, Q2387550, LF2827550	P		
	Q2281051	1" EP Branch Multi-port Tee, 8 outlets with mounting clips	22	\$60.40	1		P		
	Q2287550	3/4" EP Branch Multi-port Tee, 8 outlets with mounting clips	22	\$62.30	1		P		
	Q2337550	3/4" EP Branch Opposing-port Multi-port Tee, 3 outlets	20	\$19.60	10		P		
	Q2337557	EP Flow-through Opposing-port Multi-port Tee, 3 outlets, 3/4" x 3/4" ProPEX	20	\$19.55	10		P		
	Q2347550	3/4" EP Branch Opposing-port Multi-port Tee, 4 outlets	20	\$26.35	10	Q2247550, LF2807550	P		
	Q2347557	EP Flow-through Opposing-port Multi-port Tee, 4 outlets, 3/4" x 3/4" ProPEX	20	\$26.50	10		P		
	Q2367557	EP Flow-through Opposing-port Multi-port Tee, 6 outlets, 3/4" x 3/4" ProPEX	20	\$40.60	10		P		
	Q2387550	3/4" EP Branch Opposing-port Multi-port Tee, 8 outlets	20	\$44.55	10	Q2087550, Q2287550, LF2827550	P		
	Q2811263	2" x 4" Copper Valved Manifold with 5/8" ProPEX Ball Valves, 12 outlets	87	\$1,151.60	1				R
	Q2811275	2" x 4" Copper Valved Manifold with 3/4" ProPEX Ball Valves, 12 outlets	87	\$1,193.70	1				R
	Q2821263	2" x 4" Copper Valved Manifold with 5/8" ProPEX Ball and Balancing Valves, 12 outlets	87	\$1,715.40	1				R
	Q2821275	2" x 4" Copper Valved Manifold with 3/4" ProPEX Ball and Balancing Valves, 12 outlets	87	\$1,471.05	1				R
	Q2831263	2" x 4" Copper Valveless Manifold with 5/8" ProPEX, 12 outlets	87	\$755.00	1				R
	Q2831275	2" x 4" Copper Valveless Manifold with 3/4" ProPEX, 12 outlets	87	\$755.00	1				R
	Q4020375	3/8" ProPEX Fitting Assembly, R20 Thread	68, 74, 80, 85	\$11.20	10				R
	Q4020500	1/2" ProPEX Fitting Assembly, R20 Thread	68, 74, 80, 85	\$9.45	10				R
	Q4020625	5/8" ProPEX Fitting Assembly, R20 Thread	68, 74, 80, 85	\$11.30	10				R
	Q4020750	3/4" ProPEX Fitting Assembly, R20 Thread	68, 74, 80, 85	\$18.55	10				R
	Q4030625	5/8" ProPEX Fitting Assembly, R25 Thread	85	\$17.20	10				R
	Q4030750	3/4" ProPEX Fitting Assembly, R25 Thread	85	\$25.15	10				R
	Q4143210	ProPEX Manifold Straight Adapter, R32 x 1" ProPEX	68, 74, 83	\$31.80	10				R
	Q4143213	ProPEX Manifold Straight Adapter, R32 x 1 1/4" ProPEX	68, 74, 83	\$37.15	10				R
	Q4143215	ProPEX Manifold Straight Adapter, R32 x 1 1/2" ProPEX	68, 74, 83	\$39.25	10				R
	Q4143275	ProPEX Manifold Straight Adapter, R32 x 3/4" ProPEX	68, 74, 83	\$35.75	10				R
	Q4153210	ProPEX Manifold Elbow Adapter, R32 x 1" ProPEX	68, 74, 83	\$44.30	10				R
	Q4153213	ProPEX Manifold Elbow Adapter, R32 x 1 1/4" ProPEX	68, 74, 83	\$53.05	10				R
	Q4153215	ProPEX Manifold Elbow Adapter, R32 x 1 1/2" ProPEX	68, 74, 83	\$55.20	10				R
	Q4153275	ProPEX Manifold Elbow Adapter, R32 x 3/4" ProPEX	68, 74, 83	\$44.85	10				R
	Q4300250	Riser Washer	35	\$37.50	1		P		
	Q4340500	ProPEX EP Swivel Closet Adapter, 1/2" PEX x 7/8" Ballcock	29	\$4.35	25		P		
	Q4350500	ProPEX EP Plug for 1/2" PEX	28, 55, 105	\$1.30	25		P	F	R
	Q4350750	ProPEX EP Plug for 3/4" PEX	28, 55, 105	\$2.05	25		P	F	R

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Alphanumeric Listing 2017

New or Discont.	Part Number	Description	Page Number	2016 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category			
							Plumbing	Fire	Radiant	
	Q4351000	ProPEX EP Plug for 1" PEX	28, 55, 105	\$2.70	10		P	F	R	E
	Q4351250	ProPEX EP Plug for 1 1/2" PEX	28, 55, 105	\$14.90	1		P	F	R	E
	Q4351500	ProPEX EP Plug for 1 1/2" PEX	28, 105	\$23.00	1		P	F	R	E
	Q4352000	ProPEX EP Plug for 2" PEX	28, 105	\$27.15	1		P	F	R	E
	Q4360500	ProPEX EP Swivel Faucet Adapter, 1/2" PEX x 1/2" NPSM	29	\$3.60	25	LF4655050, Q4655050	P			
	Q4375075	ProPEX Baseboard Elbow, 1/2" PEX x 3/4" Copper Fitting Adapter	113	\$9.40	10				R	
	Q4376375	ProPEX Baseboard Elbow, 5/8" PEX x 3/4" Copper Fitting Adapter	113	\$10.05	10				R	
	Q4377575	ProPEX Baseboard Elbow, 3/4" PEX x 3/4" Copper Fitting Adapter	113	\$10.65	10				R	
	Q4385075	ProPEX Baseboard Elbow, 1/2" PEX x 3/4" Copper Adapter	113	\$9.40	10				R	
	Q4386375	ProPEX Baseboard Elbow, 5/8" PEX x 3/4" Copper Adapter	113	\$10.05	10				R	
	Q4387575	ProPEX Baseboard Elbow, 3/4" PEX x 3/4" Copper Adapter	113	\$10.65	10				R	
	Q4395075	ProPEX Baseboard Tee, 1/2" PEX x 3/4" Copper Adapter with 1/8" vent tapping	113	\$9.40	10				R	
	Q4396375	ProPEX Baseboard Tee, 5/8" PEX x 3/4" Copper Adapter with 1/8" vent tapping	113	\$10.05	10				R	
	Q4397575	ProPEX Baseboard Tee, 3/4" PEX x 3/4" Copper Adapter with 1/8" vent tapping	113	\$10.65	10				R	
	Q440250	3/8" I.D. Delrin Ring, replacement part	35	\$0.10	50		P			
	Q4506350	ProPEX Brass Fitting Adapter, 5/8" PEX x 1/2" Copper	109	\$5.90	10				R	
	Q4506375	ProPEX Brass Fitting Adapter, 5/8" PEX x 3/4" Copper	109	\$5.45	10				R	
	Q4516350	ProPEX Brass Sweat Adapter, 5/8" PEX x 1/2" Copper	108	\$8.35	10				R	
	Q4516375	ProPEX Brass Sweat Adapter, 5/8" PEX x 3/4" Copper	108	\$6.30	10				R	
	Q4526375	ProPEX Brass Male Threaded Adapter, 5/8" PEX x 3/4" NPT	106	\$9.35	10				R	
	Q4536383	ProPEX Brass Plug for 5/8" PEX	105	\$10.80	10				R	
	Q4546383	ProPEX Brass Coupling, 5/8" PEX x 5/8" PEX	98	\$6.45	10	Q4776363			R	
	Q4576375	ProPEX Brass Female Threaded Adapter, 5/8" PEX x 3/4" NPT	107	\$9.25	10				R	
	Q4690302	ProPEX Ring, 3/8"	18, 98	\$0.26	50		P		R	
	Q4690512	ProPEX Ring with Stop, 1/2"	18, 48, 98	\$0.26	50		P	F	R	
	Q4690625	ProPEX Ring with Stop, 5/8"	98	\$0.44	50				R	
	Q4690756	ProPEX Ring with Stop, 3/4"	18, 48, 98	\$0.53	50		P	F	R	E
	Q4691000	ProPEX Ring with Stop, 1"	18, 48, 98	\$1.13	50		P	F	R	E
	Q4691250	ProPEX Ring with Stop, 1 1/4"	18, 48, 98	\$1.46	10		P	F	R	E
	Q4691500	ProPEX Ring with Stop, 1 1/2"	18, 98	\$1.94	5		P	F	R	E
	Q4692000	ProPEX Ring with Stop, 2"	18, 98	\$3.86	10		P		R	E
New	Q4692500	ProPEX Ring with Stop, 2 1/2"	18, 98	\$4.94	5		P		R	E
New	Q4693000	ProPEX Ring with Stop, 3"	18, 98	\$8.14	5		P		R	E
	Q4710625	ProPEX Brass Elbow, 5/8" PEX x 5/8" PEX	100	\$10.80	25				R	
	Q4751010	ProPEX EP Tee, 1" PEX x 1" PEX x 1" PEX	25, 53, 101	\$6.05	10	LF4701010	P	F	R	E
	Q4751150	ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	26, 54, 102	\$5.55	10	LF4701150	P	F	R	E
	Q4751175	ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	26, 54, 102	\$6.15	10	LF4701175	P	F	R	E

Alphanumeric Listing 2017

New or Discont.	Part Number	Description	Page Number	2016 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category			
							Plumbing	Fire	Radiant	Ecoflex
	Q4751311	ProPEX EP Reducing Tee, 1/4" PEX x 1" PEX x 1" PEX	26, 54, 102	\$13.95	1		P	F	R	E
	Q4751313	ProPEX EP Tee, 1/4" PEX x 1/4" PEX x 1/4" PEX	26, 53, 101	\$15.10	1		P	F	R	E
	Q4751317	ProPEX EP Reducing Tee, 1/4" PEX x 1" PEX x 3/4" PEX	26, 54, 102	\$11.95	1		P	F	R	E
	Q4751331	ProPEX EP Reducing Tee, 1/4" PEX x 1/4" PEX x 1" PEX	26, 54, 102	\$14.45	1		P	F	R	E
	Q4751337	ProPEX EP Reducing Tee, 1/4" PEX x 1/4" PEX x 3/4" PEX	26, 54, 102	\$14.05	1		P	F	R	E
	Q4751350	ProPEX EP Reducing Tee, 1/4" PEX x 1/4" PEX x 1/2" PEX	26, 54, 102	\$10.60	1		P	F	R	E
	Q4751505	ProPEX EP Reducing Tee, 1/2" PEX x 1" PEX x 1/2" PEX	26, 103	\$17.50	1		P	F	R	E
	Q4751511	ProPEX EP Reducing Tee, 1/2" PEX x 1" PEX x 1" PEX	26, 102	\$17.55	1		P	F	R	E
	Q4751515	ProPEX EP Tee, 1/2" PEX x 1/2" PEX x 1/2" PEX	25, 101	\$21.10	1		P	F	R	E
	Q4751517	ProPEX EP Reducing Tee, 1/2" PEX x 1" PEX x 3/4" PEX	26, 102	\$17.55	1		P	F	R	E
	Q4751531	ProPEX EP Reducing Tee, 1/2" PEX x 1/4" PEX x 1" PEX	26, 103	\$20.75	1		P	F	R	E
	Q4751533	ProPEX EP Reducing Tee, 1/2" PEX x 1/4" PEX x 1/4" PEX	27, 103	\$22.05	1		P	F	R	E
	Q4751537	ProPEX EP Reducing Tee, 1/2" PEX x 1/4" PEX x 3/4" PEX	26, 103	\$20.00	1		P	F	R	E
	Q4751550	ProPEX EP Reducing Tee, 1/2" PEX x 1/2" PEX x 1/2" PEX	27, 103	\$15.90	1		P	F	R	E
	Q4751551	ProPEX EP Reducing Tee, 1/2" PEX x 1/2" PEX x 1" PEX	27, 103	\$19.40	1		P	F	R	E
	Q4751553	ProPEX EP Reducing Tee, 1/2" PEX x 1/2" PEX x 1/4" PEX	27, 103	\$19.90	1		P	F	R	E
	Q4751557	ProPEX EP Reducing Tee, 1/2" PEX x 1/2" PEX x 3/4" PEX	27, 103	\$18.75	1		P	F	R	E
	Q4751751	ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	26, 54, 102	\$6.40	10	LF4701751	P	F	R	E
	Q4751775	ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	26, 54, 102	\$5.30	10	LF4701775	P	F	R	E
	Q4752000	ProPEX EP Tee, 2" PEX x 2" PEX x 2" PEX	25, 101	\$84.60	1		P	F	R	E
	Q4752051	ProPEX EP Reducing Tee, 2" PEX x 1/2" PEX x 1" PEX	27, 103	\$65.00	1		P	F	R	E
	Q4752053	ProPEX EP Reducing Tee, 2" PEX x 1/2" PEX x 1/4" PEX	27, 103	\$74.70	1		P	F	R	E
	Q4752055	ProPEX EP Reducing Tee, 2" PEX x 1/2" PEX x 1/2" PEX	27, 103	\$81.15	1		P	F	R	E
	Q4752182	ProPEX EP Reducing Tee, 2" PEX x 1/2" PEX x 2" PEX	27, 103	\$76.50	1		P	F	R	E
	Q4752210	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1" PEX	27, 103	\$69.75	1		P	F	R	E
	Q4752213	ProPEX EP Reducing Tee, 2" x 2" x 1/4"	27, 103	\$73.25	1		P	F	R	E
	Q4752215	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1/2" PEX	27, 103	\$82.05	1		P	F	R	E
	Q4752250	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1/2" PEX	27, 103	\$70.55	1		P	F	R	E
	Q4752275	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 3/4" PEX	27, 103	\$71.10	1		P	F	R	E
New	Q4752500	ProPEX EP Tee, 2 1/2" PEX x 2 1/2" PEX x 2 1/2" PEX	25, 101	\$140.00	1		P	F	R	E
New	Q4752510	ProPEX EP Reducing Tee, 2 1/2" PEX x 2 1/2" PEX x 1" PEX	27, 103	\$120.00	1		P	F	R	E
New	Q4752513	ProPEX EP Reducing Tee, 2 1/2" PEX x 2 1/2" PEX x 1/4" PEX	27, 103	\$130.00	1		P	F	R	E
New	Q4752515	ProPEX EP Reducing Tee, 2 1/2" PEX x 2 1/2" PEX x 1/2" PEX	27, 103	\$130.00	1		P	F	R	E
New	Q4752520	ProPEX EP Reducing Tee, 2 1/2" PEX x 2 1/2" PEX x 2" PEX	27, 103	\$130.00	1		P	F	R	E
New	Q4752522	ProPEX EP Reducing Tee, 2 1/2" PEX x 2" PEX x 2" PEX	27, 103	\$130.00	1		P	F	R	E
New	Q4752525	ProPEX EP Reducing Tee, 2 1/2" PEX x 2" PEX x 1 1/2" PEX	27, 103	\$130.00	1		P	F	R	E
New	Q4752557	ProPEX EP Reducing Tee, 2 1/2" PEX x 2 1/2" PEX x 3/4" PEX	27, 103	\$100.00	1		P	F	R	E

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Alphanumeric Listing 2017

New or Discont.	Part Number	Description	Page Number	2016 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category			
							Plumbing	Fire	Radiant	Category
	Q4752575	ProPEX EP Reducing Tee, 2" PEX x 1 1/2" PEX x 3/4" PEX	27, 103	\$74.70	1		P		R	E
New	Q4753000	ProPEX EP Tee, 3" PEX x 3" PEX x 3" PEX	25, 101	\$230.00	1		P		R	E
New	Q4753215	ProPEX EP Reducing Tee, 3" PEX x 2 1/2" PEX x 1 1/2" PEX	27, 103	\$175.00	1		P		R	E
New	Q4753220	ProPEX EP Reducing Tee, 3" PEX x 2" PEX x 2" PEX	27, 103	\$180.00	1		P		R	E
New	Q4753252	ProPEX EP Reducing Tee, 3" PEX x 2 1/2" PEX x 2" PEX	27, 104	\$200.00	1		P		R	E
New	Q4753310	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 1" PEX	28, 104	\$150.00	1		P		R	E
New	Q4753313	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 1 1/4" PEX	28, 104	\$160.00	1		P		R	E
New	Q4753315	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 1 1/2" PEX	28, 104	\$170.00	1		P		R	E
New	Q4753320	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 2" PEX	28, 104	\$200.00	1		P		R	E
New	Q4753325	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 2 1/2" PEX	28, 104	\$220.00	1		P		R	E
New	Q4753375	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 3/4" PEX	28, 104	\$150.00	1		P		R	E
	Q4755050	ProPEX EP Tee, 1/2" PEX x 1/2" PEX x 1/2" PEX	25, 53, 101	\$2.10	25	LF4705050	P		R	E
	Q4755575	ProPEX EP Reducing Tee, 1/2" PEX x 1/2" PEX x 3/4" PEX	26, 54, 102	\$8.05	25		P		R	E
	Q4757550	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX	26, 54, 102	\$2.70	25	LF4707550	P	F	R	E
	Q4757555	ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 1/2" PEX	26, 54, 102	\$3.20	25	LF4707555	P	F	R	E
	Q4757557	ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 3/4" PEX	26, 54, 102	\$3.20	25		P	F	R	E
	Q4757563	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 5/8" PEX	102	\$5.65	10		P		R	E
	Q4757575	ProPEX EP Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX	25, 53, 101	\$3.35	25	LF4707575	P	F	R	E
	Q4757710	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	26, 54, 102	\$12.00	10	LF4707710	P	F	R	E
	Q4760500	ProPEX EP Elbow, 1/2" PEX x 1/2" PEX	24, 53, 100	\$2.10	25		P		R	E
	Q4760750	ProPEX EP Elbow, 3/4" PEX x 3/4" PEX	24, 53, 100	\$2.60	25	LF4710750	P	F	R	E
	Q4761000	ProPEX EP Elbow, 1" PEX x 1" PEX	24, 53, 100	\$5.35	10	LF4711000	P	F	R	E
	Q4761250	ProPEX EP Elbow, 1 1/4" PEX x 1 1/4" PEX	24, 53, 100	\$13.25	1		P	F	R	E
	Q4761500	ProPEX EP Elbow, 1 1/2" PEX x 1 1/2" PEX	24, 100	\$17.65	1		P		R	E
	Q4761515	ProPEX EP 45 Elbow, 1 1/2" PEX x 1 1/2" PEX	24, 100	\$16.05	1		P		R	E
	Q4762000	ProPEX EP Elbow, 2" PEX x 2" PEX	24, 100	\$68.70	1		P		R	E
	Q4762020	ProPEX EP 45 Elbow, 2" PEX x 2" PEX	24, 100	\$68.70	1		P		R	E
New	Q4762500	ProPEX EP Elbow, 2 1/2" PEX x 2 1/2" PEX	24, 100	\$115.00	1		P		R	E
New	Q4762525	ProPEX EP 45 Elbow, 2 1/2" PEX x 2 1/2" PEX	24, 100	\$115.00	1		P		R	E
New	Q4763000	ProPEX EP Elbow, 3" PEX x 3" PEX	24, 100	\$170.00	1		P		R	E
New	Q4763030	ProPEX EP 45 Elbow, 3" PEX x 3" PEX	24, 100	\$170.00	1		P		R	E
	Q4771010	ProPEX EP Coupling, 1" PEX x 1" PEX	23, 52, 98	\$3.35	10	LF4541010	P	F	R	E
	Q4771307	ProPEX EP Coupling, 1 1/4" PEX x 3/4" PEX	23, 52, 98	\$7.45	1		P	F	R	E
	Q4771310	ProPEX EP Coupling, 1 1/4" PEX x 1" PEX	23, 52, 99	\$7.70	1		P	F	R	E
	Q4771313	ProPEX EP Coupling, 1 1/4" PEX x 1 1/4" PEX	23, 52, 99	\$8.75	1		P	F	R	E
	Q4771507	ProPEX EP Coupling, 1 1/2" PEX x 3/4" PEX	23, 99	\$9.30	1		P	F	R	E
	Q4771510	ProPEX EP Coupling, 1 1/2" PEX x 1" PEX	23, 99	\$9.50	1		P	F	R	E

Alphanumeric Listing 2017

New or Discont.	Part Number	Description	Page Number	2016 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category			
							Plumbing	Fire	Radiant	Ecoflex
	Q4771513	ProPEX EP Coupling, 1 1/2" PEX x 1 1/4" PEX	23, 99	\$9.65	1		P		R	E
	Q4771515	ProPEX EP Coupling, 1 1/2" PEX x 1 1/2" PEX	23, 99	\$9.80	1		P		R	E
	Q4772015	ProPEX EP Coupling, 2" PEX x 1 1/2" PEX	23, 99	\$38.05	1		P		R	E
	Q4772020	ProPEX EP Coupling, 2" PEX x 2" PEX	23, 99	\$48.75	1		P		R	E
New	Q4772513	ProPEX EP Coupling, 2 1/2" PEX x 1 1/4" PEX	23, 99	\$80.00	1		P		R	E
New	Q4772515	ProPEX EP Coupling, 2 1/2" PEX x 1 1/2" PEX	23, 99	\$80.00	1		P		R	E
New	Q4772520	ProPEX EP Coupling, 2 1/2" PEX x 2" PEX	23, 99	\$80.00	1		P		R	E
New	Q4772525	ProPEX EP Coupling, 2 1/2" PEX x 2 1/2" PEX	23, 99	\$80.00	1		P		R	E
New	Q4773020	ProPEX EP Coupling, 3" PEX x 2" PEX	23, 99	\$100.00	1		P		R	E
New	Q4773025	ProPEX EP Coupling, 3" PEX x 2 1/2" PEX	23, 99	\$100.00	1		P		R	E
New	Q4773030	ProPEX EP Coupling, 3" PEX x 3" PEX	23, 99	\$100.00	1		P		R	E
	Q4773838	ProPEX EP Coupling, 3/8" PEX x 3/8" PEX	23, 98	\$1.60	25		P		R	E
	Q4775050	ProPEX EP Coupling, 1/2" PEX x 1/2" PEX	23, 52, 98	\$1.70	25	LF4545050	P		R	E
	Q4775075	ProPEX EP Coupling, 1/2" PEX x 3/4" PEX	23, 52, 98	\$3.55	25		P	F	R	E
	Q4776363	ProPEX EP Coupling, 5/8" PEX x 5/8" PEX	98	\$3.75	10	Q4546363			R	E
	Q4777510	ProPEX EP Coupling, 3/4" PEX x 1" PEX	23, 52, 98	\$5.10	25	LF4547510	P	F	R	E
	Q4777575	ProPEX EP Coupling, 3/4" PEX x 3/4" PEX	23, 52, 98	\$2.15	25	LF4547575	P	F	R	E
New	Q4801075	ProPEX EP Opposing Port Tee 1" x 1" x 3/4" x 3/4"	104	\$20.50	1				R	E
New	Q4801375	ProPEX EP Opposing Port Tee 1 1/4" x 1 1/4" x 3/4" x 3/4"	104	\$27.25	1				R	E
New	Q4801575	ProPEX EP Opposing Port Tee 1 1/2" x 1 1/2" x 3/4" x 3/4"	104	\$45.75	1				R	E
New	Q4802075	ProPEX EP Opposing Port Tee 2" x 2" x 3/4" x 3/4"	104	\$77.50	1				R	E
New	Q5501010	ProPEX Brass Fitting Adapter, 1" PEX x 1" Copper	109	\$9.85	10				R	E
New	Q5501313	ProPEX Brass Fitting Adapter, 1 1/4" PEX x 1 1/4" Copper	109	\$21.80	1				R	E
New	Q5501515	ProPEX Brass Fitting Adapter, 1 1/2" PEX x 1 1/2" Copper	109	\$35.95	1				R	E
New	Q5502020	ProPEX Brass Fitting Adapter, 2" PEX x 2" Copper	109	\$105.85	1				R	E
New	Q5505050	ProPEX Brass Fitting Adapter, 1/2" PEX x 1/2" Copper	109	\$2.35	25				R	E
New	Q5507510	ProPEX Brass Fitting Adapter, 3/4" PEX x 1" Copper	109	\$10.50	10				R	E
New	Q5507550	ProPEX Brass Fitting Adapter, 3/4" PEX x 1 1/2" Copper	109	\$9.70	25				R	E
New	Q5507575	ProPEX Brass Fitting Adapter, 3/4" PEX x 3/4" Copper	109	\$5.15	25				R	E
New	Q5511010	ProPEX Brass Sweat Adapter, 1" PEX x 1" Copper	108	\$9.05	10				R	E
New	Q5511313	ProPEX Brass Sweat Adapter, 1 1/4" PEX x 1 1/4" Copper	108	\$24.70	1				R	E
New	Q5511515	ProPEX Brass Sweat Adapter, 1 1/2" PEX x 1 1/2" Copper	108	\$37.80	1				R	E
New	Q5512020	ProPEX Brass Sweat Adapter, 2" PEX x 2" Copper	108	\$105.85	1				R	E
New	Q5515050	ProPEX Brass Sweat Adapter, 1/2" PEX x 1/2" Copper	108	\$2.40	25				R	E
New	Q5517510	ProPEX Brass Sweat Adapter, 3/4" PEX x 1" Copper	108	\$10.90	10				R	E
New	Q5517550	ProPEX Brass Sweat Adapter, 3/4" PEX x 1 1/2" Copper	108	\$8.90	25				R	E
New	Q5517575	ProPEX Brass Sweat Adapter, 3/4" PEX x 3/4" Copper	108	\$5.45	25				R	E

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Alphanumeric Listing 2017

New or Discont.	Part Number	Description	Page Number	2016 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category		
							Plumbing	Fire	Radiant
New	Q5521010	ProPEX Brass Male Threaded Adapter, 1" PEX x 1" NPT	80, 106	\$12.70	10			R	E
New	Q5521075	ProPEX Brass Male Threaded Adapter, 1" PEX x 3/4" NPT	106	\$13.35	10			R	E
New	Q5521313	ProPEX Brass Male Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	80, 106	\$29.55	1			R	E
New	Q5521515	ProPEX Brass Male Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	106	\$39.50	1			R	E
New	Q5522020	ProPEX Brass Male Threaded Adapter, 2" PEX x 2" NPT	106	\$117.60	1			R	E
New	Q5525050	ProPEX Brass Male Threaded Adapter, 1/2" PEX x 1/2" NPT	106	\$3.40	25			R	E
New	Q5527510	ProPEX Brass Male Threaded Adapter, 3/4" PEX x 1" NPT	80, 106	\$13.35	10			R	E
New	Q5527575	ProPEX Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	106	\$6.15	25			R	E
New	Q5571010	ProPEX Brass Female Threaded Adapter, 1" PEX x 1" NPT	107	\$16.50	10			R	E
New	Q5571313	ProPEX Brass Female Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	107	\$30.30	1			R	E
New	Q5571515	ProPEX Brass Female Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	107	\$64.65	1			R	E
New	Q5572020	ProPEX Brass Female Threaded Adapter, 2" PEX x 2" NPT	107	\$145.05	1			R	E
New	Q5575050	ProPEX Brass Female Threaded Adapter, 1/2" PEX x 1/2" NPT	107	\$6.80	25			R	E
New	Q5577510	ProPEX Brass Female Threaded Adapter, 3/4" PEX x 1" NPT	107	\$24.25	10			R	E
New	Q5577575	ProPEX Brass Female Threaded Adapter, 3/4" PEX x 3/4" NPT	107	\$7.60	25			R	E
	Q5806375	ProPEX Ball Valve, 5/8" PEX x 3/4" Copper Adapter	88	\$33.60	10			R	E
	Q5807575	ProPEX Ball Valve, 3/4" PEX x 3/4" Copper Adapter	88	\$35.85	10			R	E
	Q5906375	ProPEX Ball and Balancing Valve, 5/8" PEX x 3/4" Copper Adapter	88	\$64.05	10			R	E
	Q5907575	ProPEX Ball and Balancing Valve, 3/4" PEX x 3/4" Copper Adapter	88	\$66.85	10			R	E
	Q6700101	DMAND Activation Button	43	\$15.45	1		P		
	Q6700102	DMAND Motion Sensor, hard-wired	43	\$200.45	1		P		
	Q70640HW	Concealed Flat Cover Plate for HSW, White, (HSW style only)	50	\$45.40	5			F	
New	Q70749WH	Concealed Flat Cover Plate for 162F LF RC-RES Sprinkler, White, 3/4"	50	\$28.10	50			F	
	Q71850LW	Two-piece Recessed Escutcheon for LF Recessed Pendant and LF Recessed HSW, White	51	\$9.70	5			F	
	Q7400500	Plastic Tubing Clip, 1/2", 100/pkg.	146	\$54.45	1			F	R
	Q7410510	PEX-a Pipe Support Strapping for 1/2", 3/4" and 1" PEX	19, 66, 143	\$1.15	100			P	R
	Q7411220	PEX-a Pipe Support Strapping for 1 1/4", 1 1/2" and 2" PEX	19, 66, 143	\$2.00	100			P	R
New	Q7412540	PEX-a Pipe Support Strapping for 2 1/2", 3", 3 1/2" PEX	19, 66, 143	\$3.35	100			P	R
	Q7500400	Sprinkler Wrench, LF Recessed Pendant	51	\$259.55	1			F	
	Q7500410	Sprinkler Wrench, LF Recessed Horizontal Sidewall	51	\$292.00	1			F	
	Q7500430	Sprinkler Wrench, LF Flat Concealed Horizontal Sidewall	51	\$190.35	1			F	
	Q7500700	Sprinkler Socket for LF RC-RES Sprinklers, LF74970FC and LF74971FW	51	\$243.35	1			F	
	Q7503000	Sprinkler Cabinet without Sprinklers	50	\$86.85	1			F	
	Q8521010	ProPEX Stainless-steel Male Threaded Adapter, 1" PEX x 1" NPT	30	\$64.10	10	LF4521010	P		
	Q8525050	ProPEX Stainless-steel Male Threaded Adapter, 1/2" PEX x 1/2" NPT	30	\$28.50	25	LF4525050	P		
	Q8527575	ProPEX Stainless-steel Male Threaded Adapter, 3/4" PEX x 3/4" NPT	30	\$42.80	25	LF4527575	P		
New	WSA360750	ProPEX EP Straight Water Meter Fitting, 3/4" PEX x 1" NPSM	37	\$13.50	1		P		

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New or Discont.	Part Number	Description	Page Number	2016 List Price (ea.)	Pkg. Qty.	Alternative Part Number	Product Application Category		
							Plumbing	Fire	Radiant
New	WS4360751	ProPEX EP Elbow Water Meter Fitting, 3/4" PEX x 1" NPSM	37	\$15.00	1		P		
New	WS4361000	ProPEX EP Straight Water Meter Fitting, 1" PEX x 1 1/4" NPSM	37	\$15.50	1		P		
New	WS4361001	ProPEX EP Elbow Water Meter Fitting, 1" PEX x 1 1/4" NPSM	37	\$17.50	1		P		
New	WS4820750	ProPEX LF Brass Straight Water Meter Valve, 3/4" PEX x 1" NPSM	38	\$37.50	1		P		
New	WS4820751	ProPEX LF Brass Elbow Water Meter Valve, 3/4" PEX x 1" NPSM	38	\$37.50	1		P		
New	WS4821000	ProPEX LF Brass Straight Water Meter Valve, 1" PEX x 1 1/4" NPSM	38	\$52.50	1		P		
New	WS4821001	ProPEX LF Brass Elbow Water Meter Valve, 1" PEX x 1 1/4" NPSM	38	\$52.50	1		P		

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