

uponor

Product Catalogue



July 2018



PEX plumbing
Fire safety
Hydronic piping
Radiant heating and cooling
Pre-insulated piping

We mean
progress.

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Uponor Design Services and Technical Support



Powered by
THOMAS > Enterprise Solutions™

Uponor Design Services

The PEX design experts

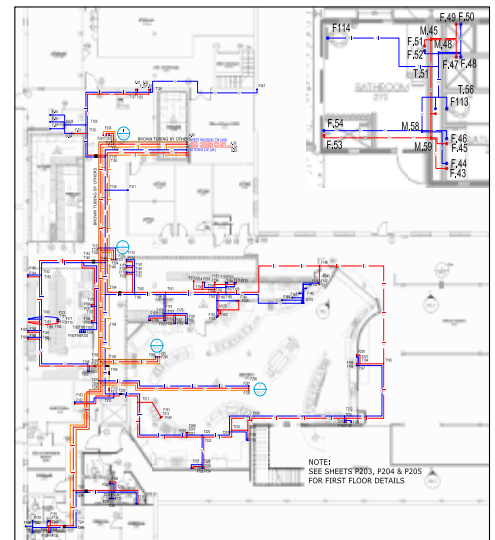
Providing the mechanical, electrical and plumbing (MEP) industry with PEX design support since 1994, Uponor Design Services is a dedicated team of experienced design professionals and project managers trained in PEX applications for domestic water plumbing, radiant heating/cooling, hydronic piping and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

For technical support:
NAsupport@uponor.com

Integrated valve solutions

Bringing innovation to the industry

We mean progress.

A global partner in intelligent plumbing and climate solutions, Uponor has proudly led the industry forward for a century.

From being a pioneer in PEX-a pipe and ProPEX F1960 fittings to leading the industry with smart water technologies, Uponor is continuing to bring innovation to commercial and residential structures worldwide.

Our line of high-quality, code-compliant valve solutions bring faster, safer and more profitable installations to any application.

- Commercial plumbing
- Commercial heating and cooling
- Residential plumbing
- Water service

Benefits

- Full flow for higher system performance
- Greater flexibility and productivity
- Reduced liability
- Backed by a 10-year warranty



ProPEX brass ball valves for commercial radiant and hydronic applications



Re-engineered lead-free (LF) brass valves for residential plumbing applications



ProPEX LF brass ball valves for commercial plumbing applications

Keeping projects on schedule

We mean progress.

Our lightweight, flexible piping solutions make for fast and efficient installations in the most challenging applications.

Uponor's pre-insulated and pre-sleeved piping solutions easily bend around obstacles to work in spaces where rigid piping won't fit.

Best of all, our proven ProPEX connection system turns the weakest part of a piping system into the strongest.

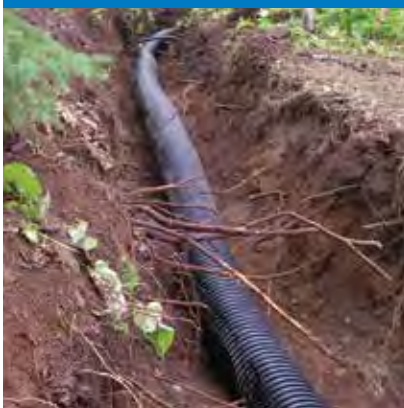
From overhead to underground, save time and money with Uponor piping solutions — all backed by a 25-year transferable limited warranty.

Pre-insulated piping



- Meets ASHRAE 90.1-2013 energy-code requirements
- Features insulation thicknesses up to 2"
- Eliminates the added step of insulation after installation
- Saves time and labor costs; keeps projects on schedule and on budget

Ecoflex® pre-insulated piping



- Flexible and lightweight
- Eliminates the need for straight or level trenches
- Provides up to 60% labor savings over rigid piping systems
- Helps support an on-time, on-budget project delivery

Pre-sleeved piping



- Provides protection during and after installation
- Less accessories required
- Saves valuable installation time
- Protects your investment



Wells Street Lofts

Aurora, ON

Project highlights

- Originally built in 1892 as a high school; renovated in 2015
- Uponor AquaPEX plumbing system
- Wirsbo hePEX for hydronic forced air
- Mechanical Contractor: Zentil Mechanical

Project data

- Uponor AquaPEX up to 2½"
- Uponor EP multi-port tees
- ProPEX fittings

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

PEX plumbing systems

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 (93.3°C) at 80psi, 180°F (82.2°C) at 100psi and 73.4°F (23°C) 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 (48.9°C) at 130psi.

Uponor AquaPEX white tubing is marked with the PEX 5106 designation as required by ASTM F876, indicating it exceeds ASTM F876 chlorine-resistance requirements for continuous-recirculation systems operating up to 140°F (60°C) 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 ASTM F876, indicating it meets ASTM F876 chlorine-resistance requirements for continuous-recirculation systems operating up to 140°F (60°C) 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	\$56.91
F1090375	⅜" Uponor AquaPEX White, 400-ft. coil	18	\$232.62
F1120375	⅝" Uponor AquaPEX White, 1,000-ft. coil	12	\$581.58
F1040500	½" Uponor AquaPEX White, 100-ft. coil	22	\$71.60
F1060500	½" Uponor AquaPEX White, 300-ft. coil	18	\$214.81
F1100500	½" Uponor AquaPEX White, 500-ft. coil	12	\$358.00
F1120500	½" Uponor AquaPEX White, 1,000-ft. coil	8	\$716.04
F1040750	¾" Uponor AquaPEX White, 100-ft. coil	22	\$143.22
F1060750	¾" Uponor AquaPEX White, 300-ft. coil	9	\$429.66
F1100750	¾" Uponor AquaPEX White, 500-ft. coil	8	\$716.13
F1041000	1" Uponor AquaPEX White, 100-ft. coil	12	\$252.91
F1061000	1" Uponor AquaPEX White, 300-ft. coil	5	\$758.72
F1101000	1" Uponor AquaPEX White, 500-ft. coil	6	\$1,264.59
F1061250	1¼" Uponor AquaPEX White, 100-ft. coil	7	\$513.27
F1021250	1¼" Uponor AquaPEX White, 300-ft. coil	2	\$1,539.86
F1061500	1½" Uponor AquaPEX White, 100-ft. coil	7	\$603.50
F1021500	1½" Uponor AquaPEX White, 300-ft. coil	2	\$1,810.52
F1062000	2" Uponor AquaPEX White, 100-ft. coil	5	\$1,231.60
F1052000	2" Uponor AquaPEX White, 200-ft. coil	3	\$2,463.19
F1022000	2" Uponor AquaPEX White, 300-ft. coil	2	\$3,694.78
F1062500	2½" Uponor AquaPEX White, 100-ft. coil	1	\$1,665.56
F1022500	2½" Uponor AquaPEX White, 300-ft. coil	1	\$4,674.16
F1063000	3" Uponor AquaPEX White, 100-ft. coil	1	\$2,209.62
F1023000	3" Uponor AquaPEX White, 300-ft. coil	1	\$6,200.97

PEX plumbing systems

Part no.	Part description	Bags/bulk bag	List price/ea.
F1930500	1/2" Uponor AquaPEX White, 20-ft. straight length, 500 ft. (25 per bundle)	25	\$363.56
F1930750	3/4" Uponor AquaPEX White, 20-ft. straight length, 300 ft. (15 per bundle)	20	\$436.10
F1921000	1" Uponor AquaPEX White, 20-ft. straight length, 200 ft. (10 per bundle)	15	\$513.39
F1921250	1 1/4" Uponor AquaPEX White, 20-ft. straight length, 100 ft. (5 per bundle)	20	\$520.95
F1921500	1 1/2" Uponor AquaPEX White, 20-ft. straight length, 100 ft. (5 per bundle)	20	\$612.54
F1922000	2" Uponor AquaPEX White, 20-ft. straight length, 100 ft. (5 per bundle)	10	\$1,250.03
F1912500	2 1/2" Uponor AquaPEX White, 10-ft. straight length, 30 ft. (3 per bundle)	8	\$532.50
F1922500	2 1/2" Uponor AquaPEX White, 20-ft. straight length, 60 ft. (3 per bundle)	8	\$1,014.29
F1913000	3" Uponor AquaPEX White, 10-ft. straight length, 30 ft. (3 per bundle)	10	\$706.44
F1923000	3" Uponor AquaPEX White, 20-ft. straight length, 40 ft. (2 per bundle)	10	\$897.07

Uponor AquaPEX white straight lengths



Part no.	Part description	Coils/pallet	List price/ea.
F2040500	1/2" Uponor AquaPEX Red, 100-ft. coil	22	\$75.11
F2060500	1/2" Uponor AquaPEX Red, 300-ft. coil	14	\$225.32
F2120500	1/2" Uponor AquaPEX Red, 1,000-ft. coil	8	\$751.08
F2040750	3/4" Uponor AquaPEX Red, 100-ft. coil	18	\$150.24
F2060750	3/4" Uponor AquaPEX Red, 300-ft. coil	7	\$450.74
F2100750	3/4" Uponor AquaPEX Red, 500-ft. coil	8	\$751.23
F2041000	1" Uponor AquaPEX Red, 100-ft. coil	12	\$265.18
F2061000	1" Uponor AquaPEX Red, 300-ft. coil	5	\$795.54
F2101000	1" Uponor AquaPEX Red, 500-ft. coil	6	\$1,325.91

Uponor AquaPEX red coils



Part no.	Part description	Bags/bulk bag	List price/ea.
F2930500	1/2" Uponor AquaPEX Red, 20-ft. straight length, 500 ft. (25 per bundle)	25	\$381.37
F2930750	3/4" Uponor AquaPEX Red, 20-ft. straight length, 300 ft. (15 per bundle)	20	\$450.74
F2921000	1" Uponor AquaPEX Red, 20-ft. straight length, 200 ft. (10 per bundle)	15	\$538.29

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	\$75.11
F3060500	½" Uponor AquaPEX Blue, 300-ft. coil	14	\$225.32
F3120500	½" Uponor AquaPEX Blue, 1,000-ft. coil	8	\$751.08
F3040750	¾" Uponor AquaPEX Blue, 100-ft. coil	18	\$150.24
F3060750	¾" Uponor AquaPEX Blue, 300-ft. coil	7	\$450.74
F3100750	¾" Uponor AquaPEX Blue, 500-ft. coil	8	\$751.23
F3041000	1" Uponor AquaPEX Blue, 100-ft. coil	12	\$265.18
F3061000	1" Uponor AquaPEX Blue, 300-ft. coil	5	\$795.54
F3101000	1" Uponor AquaPEX Blue, 500-ft. coil	6	\$1,325.91

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	\$381.37
F3930750	¾" Uponor AquaPEX Blue, 20-ft. straight length, 300 ft. (15 per bundle)	20	\$450.74
F3921000	1" Uponor AquaPEX Blue, 20-ft. straight length, 200 ft. (10 per bundle)	15	\$538.29

PEX plumbing systems

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.

Uponor AquaPEX Purple Reclaimed Water straight lengths are available on a made-to-order basis. Contact Uponor Customer Service at 888.994.7726 for availability and pricing.

Uponor AquaPEX reclaimed water coils and straight lengths



Part no.	Part description	Coils/pallet	List price/ea.
F1060502	½" Uponor AquaPEX Purple Reclaimed Water, 300-ft. coil	14	\$227.68
F1060752	¾" Uponor AquaPEX Purple Reclaimed Water, 300-ft. coil	7	\$459.96
F1061002	1" Uponor AquaPEX Purple Reclaimed Water, 300-ft. coil	5	\$804.13
F1961002	1" Uponor AquaPEX Purple Reclaimed Water, 10-ft. straight length, 100 ft. (10 per bundle)	15	\$272.49
F1921002	1" Uponor AquaPEX Purple Reclaimed Water, 20-ft. straight length, 200 ft. (10 per bundle)	10	\$544.99
F1911256	1¼" Uponor AquaPEX Purple Reclaimed Water, 10-ft. straight length, 50 ft. (5 per bundle)	20	\$279.15
F1961256	1¼" Uponor AquaPEX Purple Reclaimed Water, 20-ft. straight length, 100 ft. (5 per bundle)	20	\$498.75
F1911506	1½" Uponor AquaPEX Purple Reclaimed Water, 10-ft. straight length, 50 ft. (5 per bundle)	20	\$343.90
F1961502	1½" Uponor AquaPEX Purple Reclaimed Water, 20-ft. straight length, 100 ft. (5 per bundle)	20	\$642.25
F1912006	2" Uponor AquaPEX Purple Reclaimed Water, 10-ft. straight length, 50 ft. (5 per bundle)	10	\$662.75
F1962002	2" Uponor AquaPEX Purple Reclaimed Water, 20-ft. straight length, 100 ft. (5 per bundle)	10	\$1,286.75

PEX plumbing systems

Pre-insulated Uponor AquaPEX coils



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.

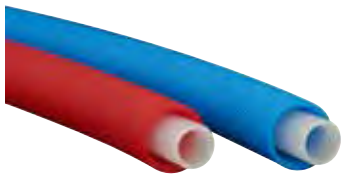
Part no.	Part description	Coils/pallet	List price/ea.
F6040500	½" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	3	\$432.59
F6150500	½" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	7	\$495.44
F6040750	¾" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	7	\$514.78
F6150750	¾" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	2	\$591.17
F6041000	1" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	2	\$622.47
F6151000	1" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	2	\$719.89
F6041250	1¼" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	2	\$982.75
F6151250	1¼" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	2	\$1,010.71
◀ F6041500	1½" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	2	\$1,117.28
F6161500	1½" Pre-insulated Uponor AquaPEX with 1½" insulation, 75-ft. coil	2	\$1,115.59
◀ F6042000	2" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	2	\$1,943.27
F6162000	2" Pre-insulated Uponor AquaPEX with 1½" insulation, 75-ft. coil	2	\$1,348.00

Pre-insulated Uponor AquaPEX straight lengths



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	\$982.75
◀ F6921500	1½" Pre-insulated Uponor AquaPEX with ½" insulation, 20-ft. straight length, 100 ft.	4	\$1,117.28
◀ F6922000	2" Pre-insulated Uponor AquaPEX with ½" insulation, 20-ft. straight length, 100 ft.	4	\$1,943.27

Pre-sleeved Uponor AquaPEX coils



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.

Part no.	Part description	Coils/pallet	List price/ea.
F1092500	½" Pre-sleeved Uponor AquaPEX Red Sleeve, 400-ft. coil	4	\$447.01
F1091500	½" Pre-sleeved Uponor AquaPEX Blue Sleeve, 400-ft. coil	4	\$447.01
F1092750	¾" Pre-Sleeved Uponor AquaPEX Red Sleeve, 400-ft. coil	3	\$836.73
F1091750	¾" Pre-Sleeved Uponor AquaPEX Blue Sleeve, 400-ft. coil	3	\$836.73

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.994.7726 for availability. All sales are final. See the alphanumeric on pages 135-161 for a listing of alternative part numbers.

PEX plumbing systems

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.

HDPE corrugated sleeves



Part no.	Part description	Coils/pallet	List price/ea.
F1035400	½" HDPE Corrugated Sleeve, Red, 400-ft. coil	4	\$202.98
F1055400	½" HDPE Corrugated Sleeve, Blue, 400-ft. coil	4	\$202.98
F1037400	¾" HDPE Corrugated Sleeve, Red, 400-ft. coil	4	\$379.85
F1057400	¾" HDPE Corrugated Sleeve, Blue, 400-ft. coil	4	\$379.85

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.

ProPEX rings



Part no.	Part description	Pkg. qty.	List price/ea.
Q4690302	ProPEX Ring, ⅜"	50	\$0.43
Q4690512	ProPEX Ring with Stop, ½"	50	\$0.43
Q4690503	ProPEX Ring, ½" red	50	\$0.45
Q4690504	ProPEX Ring, ½" blue	50	\$0.45
Q4690756	ProPEX Ring with Stop, ¾"	50	\$0.61
Q4690753	ProPEX Ring, ¾" Red	50	\$0.65
Q4690754	ProPEX Ring, ¾" Blue	50	\$0.65
Q4691000	ProPEX Ring with Stop, 1"	50	\$1.86
Q4691003	ProPEX Ring, 1" Red	50	\$1.96
Q4691004	ProPEX Ring, 1" Blue	50	\$1.96
Q4691250	ProPEX Ring with Stop, 1¼"	10	\$2.14
Q4691500	ProPEX Ring with Stop, 1½"	5	\$2.78
Q4692000	ProPEX Ring with Stop, 2"	10	\$4.44 S
Q4692500	ProPEX Ring with Stop, 2½"	5	\$5.13
Q4693000	ProPEX Ring with Stop, 3"	5	\$8.45

S Price reduced

PEX plumbing systems

PEX-a Pipe Support



Uponor PEX-a Pipe Support is available in ½", ¾", 1", 1¼", 1½", 2", 2½", 3" and 3½" sizes for suspended piping applications in commercial plumbing and hydronic distribution systems, enabling hanger spacing to that of copper.

Part no.	Part description	Pkg. qty.	List price/ea.
F7040500	½" PEX-a Pipe Support, 9-ft. length	5	\$18.11
F7040750	¾" PEX-a Pipe Support, 9-ft. length	5	\$23.03
F7041000	1" PEX-a Pipe Support, 9-ft. length	5	\$25.33
F7041250	1¼" PEX-a Pipe Support, 9-ft. length	5	\$29.17
F7041500	1½" PEX-a Pipe Support, 9-ft. length	5	\$34.87
F7042000	2" PEX-a Pipe Support, 9-ft. length	5	\$38.32
F7042500	2½" PEX-a Pipe Support, 9-ft. length	5	\$49.34
F7043000	3" PEX-a Pipe Support, 9-ft. length	5	\$52.74
F7043500	3½" PEX-a Pipe Support, 9-ft. length	5	\$56.76
Q7410510	PEX-a Pipe Support Strapping for ½", ¾" and 1" PEX	100	\$1.17
Q7411220	PEX-a Pipe Support Strapping for 1¼", 1½" and 2" PEX	100	\$2.01
Q7412540	PEX-a Pipe Support Strapping for 2½", 3", 3½" PEX	100	\$3.39

EP multi-port tees and elbows

EP branch multi-port tees



EP branch multi-port tees feature ¾" or 1" ProPEX inlets with ½" 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.
Q2237550	¾" EP Branch Multi-port Tee, 3 outlets	10	\$13.80
Q2247550	¾" EP Branch Multi-port Tee, 4 outlets	10	\$20.02
Q2241050	1" EP Branch Multi-port Tee, 4 outlets	10	\$36.28
Q2267550	¾" EP Branch Multi-port Tee, 6 outlets	10	\$24.17
Q2261050	1" EP Branch Multi-port Tee, 6 outlets	10	\$42.87

PEX plumbing systems

EP flow-through multi-port tees feature $\frac{3}{4}$ " or 1" ProPEX inlets with $\frac{1}{2}$ " 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, $\frac{3}{4}$ " x $\frac{3}{4}$ " ProPEX	10	\$11.80
Q2237557	EP Flow-through Multi-port Tee, 3 outlets, $\frac{3}{4}$ " x $\frac{3}{4}$ " ProPEX	10	\$16.01
Q2231057	EP Flow-through Multi-port Tee, 3 outlets, 1" x $\frac{3}{4}$ " ProPEX	10	\$29.91
Q2247557	EP Flow-through Multi-port Tee, 4 outlets, $\frac{3}{4}$ " x $\frac{3}{4}$ " ProPEX	10	\$20.02
Q2241057	EP Flow-through Multi-port Tee, 4 outlets, 1" x $\frac{3}{4}$ " ProPEX	10	\$36.28
Q2241051	EP Flow-through Multi-port Tee, 4 outlets, 1" x 1" ProPEX	10	\$36.28
Q2267557	EP Flow-through Multi-port Tee, 6 outlets, $\frac{3}{4}$ " x $\frac{3}{4}$ " ProPEX	10	\$24.17
Q2261057	EP Flow-through Multi-port Tee, 6 outlets, 1" x $\frac{3}{4}$ " ProPEX	10	\$48.14
Q2261051	EP Flow-through Multi-port Tee, 6 outlets, 1" x 1" ProPEX	10	\$49.48

EP flow-through multi-port tees



EP flow-through opposing-port multi-port tees feature $\frac{3}{4}$ " ProPEX inlets with opposing $\frac{1}{2}$ " 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, $\frac{3}{4}$ " x $\frac{3}{4}$ " ProPEX	10	\$25.49
Q2347557	EP Flow-through Opposing-port Multi-port Tee, 4 outlets, $\frac{3}{4}$ " x $\frac{3}{4}$ " ProPEX	10	\$33.65
Q2367557	EP Flow-through Opposing-port Multi-port Tee, 6 outlets, $\frac{3}{4}$ " x $\frac{3}{4}$ " ProPEX	10	\$41.67

EP flow-through opposing-port multi-port tees



EP branch opposing-port multi-port tees feature $\frac{3}{4}$ " ProPEX inlets with opposing $\frac{1}{2}$ " 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	$\frac{3}{4}$ " EP Branch Opposing-port Multi-port Tee, 3 outlets	10	\$24.98
Q2347550	$\frac{3}{4}$ " EP Branch Opposing-port Multi-port Tee, 4 outlets	10	\$32.06
Q2387550	$\frac{3}{4}$ " EP Branch Opposing-port Multi-port Tee, 8 outlets	10	\$41.67

EP branch opposing-port multi-port tees



PEX plumbing systems

EP flow-through multi-port vertical tees



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	\$38.45
Q2247757	EP Flow-through Multi-port Vertical Tee, 4 outlets, $\frac{3}{4}$ " x $\frac{3}{4}$ " x $\frac{3}{4}$ " ProPEX	10	\$42.48

EP flow-through multi-port horizontal 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	\$41.67

EP flow-through multi-port elbows



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	\$36.85
Q2245577	EP Flow-through Multi-port Elbow, 4 outlets, $\frac{3}{4}$ " x $\frac{3}{4}$ " ProPEX	10	\$40.85

PEX plumbing systems

Commercial EP branch multi-port elbows feature an integrated 3/4" or 1" ProPEX elbow inlet with 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	3/4" EP Branch Multi-port Elbow, 7 outlets with mounting clips	1	\$65.34
Q2087550	3/4" EP Branch Multi-port Elbow, 8 outlets with mounting clips	1	\$68.61
Q2101000	1" EP Branch Multi-port Elbow, 10 outlets with mounting clips	1	\$73.73

Commercial EP branch multi-port elbows



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	\$57.88
Q2277550	3/4" EP Branch Multi-port Tee, 7 outlets with mounting clips	1	\$57.69
Q2287550	3/4" EP Branch Multi-port Tee, 8 outlets with mounting clips	1	\$60.03
Q2271051	1" EP Branch Multi-port Tee, 7 outlets with mounting clips	1	\$57.36
Q2281051	1" EP Branch Multi-port Tee, 8 outlets with mounting clips	1	\$60.47
Q2101051	1" EP Branch Multi-port Tee, 10 outlets with mounting clips	1	\$70.51
Q2121051	1" EP Branch Multi-port Tee, 12 outlets with mounting clips	1	\$76.91

Commercial EP branch 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	\$57.88
Q2232102	EP Flow-through Multi-port Tee, 3 (1") outlets, 2" x 2" ProPEX	1	\$251.47

Commercial EP flow-through multi-port tees



PEX plumbing 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.

Part no.	Part description	Pkg. qty.	List price/ea.
Q4773838	ProPEX EP Coupling, 3/8" PEX x 3/8" PEX	25	\$2.16
LF4543850	ProPEX LF Brass Coupling, 3/8" PEX x 1/2" PEX	25	\$13.10
Q4775050	ProPEX EP Coupling, 1/2" PEX x 1/2" PEX	25	\$1.83
LF4545050	ProPEX LF Brass Coupling, 1/2" PEX x 1/2" PEX	25	\$4.20
Q4775075	ProPEX EP Coupling, 1/2" PEX x 3/4" PEX	25	\$2.38
LF4545075	ProPEX LF Brass Coupling, 1/2" PEX x 3/4" PEX	25	\$8.80
Q4777575	ProPEX EP Coupling, 3/4" PEX x 3/4" PEX	25	\$2.88
LF4547575	ProPEX LF Brass Coupling, 3/4" PEX x 3/4" PEX	25	\$6.87
Q4777510	ProPEX EP Coupling, 3/4" PEX x 1" PEX	25	\$9.97
LF4547510	ProPEX LF Brass Coupling, 3/4" PEX x 1" PEX	10	\$12.42
Q4771010	ProPEX EP Coupling, 1" PEX x 1" PEX	10	\$4.88
LF4541010	ProPEX LF Brass Coupling, 1" PEX x 1" PEX	10	\$9.52
Q4771307	ProPEX EP Coupling, 1 1/4" PEX x 3/4" PEX	1	\$8.17
Q4771310	ProPEX EP Coupling, 1 1/4" PEX x 1" PEX	1	\$8.49
Q4771313	ProPEX EP Coupling, 1 1/4" PEX x 1 1/4" PEX	1	\$9.63
Q4771507	ProPEX EP Coupling, 1 1/2" PEX x 3/4" PEX	1	\$10.25
Q4771510	ProPEX EP Coupling, 1 1/2" PEX x 1" PEX	1	\$10.57
Q4771513	ProPEX EP Coupling, 1 1/2" PEX x 1 1/4" PEX	1	\$10.55
Q4771515	ProPEX EP Coupling, 1 1/2" PEX x 1 1/2" PEX	1	\$10.81
Q4772015	ProPEX EP Coupling, 2" PEX x 1 1/2" PEX	1	\$36.00 \$
Q4772020	ProPEX EP Coupling, 2" PEX x 2" PEX	1	\$42.75 \$
Q4772513	ProPEX EP Coupling, 2 1/2" PEX x 1 1/4" PEX	1	\$83.20
Q4772515	ProPEX EP Coupling, 2 1/2" PEX x 1 1/2" PEX	1	\$83.20
Q4772520	ProPEX EP Coupling, 2 1/2" PEX x 2" PEX	1	\$83.20
Q4772525	ProPEX EP Coupling, 2 1/2" PEX x 2 1/2" PEX	1	\$83.20
Q4773020	ProPEX EP Coupling, 3" PEX x 2" PEX	1	\$104.00
Q4773025	ProPEX EP Coupling, 3" PEX x 2 1/2" PEX	1	\$104.00
Q4773030	ProPEX EP Coupling, 3" PEX x 3" PEX	1	\$104.00

\$ Price reduced

PEX plumbing systems

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	\$36.23

ProPEX LF brass to polyethylene (PE) 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	\$14.14
LF4587575	ProPEX LF Brass to PB Coupling, 3/4" PEX x 3/4" PB	25	\$23.59

ProPEX LF brass to polybutylene (PB) couplings



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	\$2.37
Q4760750	ProPEX EP Elbow, 3/4" PEX x 3/4" PEX	25	\$4.31
LF4710750	ProPEX LF Brass Elbow, 3/4" PEX x 3/4" PEX	25	\$15.43
Q4761000	ProPEX EP Elbow, 1" PEX x 1" PEX	10	\$8.65
LF4711000	ProPEX LF Brass Elbow, 1" PEX x 1" PEX	10	\$16.54
Q4761250	ProPEX EP Elbow, 1 1/4" PEX x 1 1/4" PEX	1	\$16.99
Q4761500	ProPEX EP Elbow, 1 1/2" PEX x 1 1/2" PEX	1	\$22.60
Q4761515	ProPEX EP 45 Elbow, 1 1/2" PEX x 1 1/2" PEX	1	\$20.56
Q4762000	ProPEX EP Elbow, 2" PEX x 2" PEX	1	\$62.10 \$
Q4762020	ProPEX EP 45 Elbow, 2" PEX x 2" PEX	1	\$62.10 \$
Q4762500	ProPEX EP Elbow, 2 1/2" PEX x 2 1/2" PEX	1	\$119.60
Q4762525	ProPEX EP 45 Elbow, 2 1/2" PEX x 2 1/2" PEX	1	\$119.60
Q4763000	ProPEX EP Elbow, 3" PEX x 3" PEX	1	\$176.80
Q4763030	ProPEX EP 45 Elbow, 3" PEX x 3" PEX	1	\$176.80

ProPEX elbows



\$ Price reduced

PEX plumbing systems

ProPEX LF brass elbows



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	\$18.51
LF4730500	ProPEX LF Brass Elbow, 1/2" PEX x 1/2" Male CU	10	\$13.54

ProPEX LF brass drop ear 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 LF Brass Drop Ear Elbow, 1/2" PEX x 3/8" FIP	25	\$22.16
LF4235050	ProPEX LF Brass Drop Ear Elbow, 1/2" PEX x 1/2" FIP	25	\$17.91
LF4237575	ProPEX LF Brass Drop Ear Elbow, 3/4" PEX x 3/4" FIP	4	\$39.40
LF4231010	ProPEX LF Brass Drop Ear Elbow, 1" PEX x 1" FIP	4	\$59.30

ProPEX tees



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	\$3.02
LF4705050	ProPEX LF Brass Tee, 1/2" PEX x 1/2" PEX x 1/2" PEX	25	\$12.91
Q4757575	ProPEX EP Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX	25	\$5.60
LF4707575	ProPEX LF Brass Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX	25	\$20.99
Q4751010	ProPEX EP Tee, 1" PEX x 1" PEX x 1" PEX	10	\$11.12
LF4701010	ProPEX LF Brass Tee, 1" PEX x 1" PEX x 1" PEX	10	\$25.23
Q4751313	ProPEX EP Tee, 1 1/4" PEX x 1 1/4" PEX x 1 1/4" PEX	1	\$18.97
Q4751515	ProPEX EP Tee, 1 1/2" PEX x 1 1/2" PEX x 1 1/2" PEX	1	\$28.29
Q4752000	ProPEX EP Tee, 2" PEX x 2" PEX x 2" PEX	1	\$72.00 ^{\$}
Q4752500	ProPEX EP Tee, 2 1/2" PEX x 2 1/2" PEX x 2 1/2" PEX	1	\$145.60
Q4753000	ProPEX EP Tee, 3" PEX x 3" PEX x 3" PEX	1	\$239.20

^{\$} Price reduced

PEX plumbing systems

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	\$4.41
Q4757555	ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 1/2" PEX	25	\$3.80
Q4757557	ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 3/4" PEX	25	\$5.22
Q4757550	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX	25	\$4.53
LF4707550	ProPEX LF Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX	25	\$20.99
Q4757710	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	10	\$18.10
LF4707710	ProPEX LF Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	10	\$31.72
Q4751775	ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	10	\$11.04
LF4701775	ProPEX LF Brass Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	10	\$25.42
Q4751751	ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	10	\$11.59
LF4701751	ProPEX LF Brass Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	10	\$25.92
Q4751150	ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	10	\$11.28
LF4701150	ProPEX LF Brass Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	10	\$25.23
Q4751175	ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	10	\$10.96
LF4701175	ProPEX LF Brass Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	10	\$25.23
Q4751317	ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 3/4" PEX	1	\$14.81
Q4751311	ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 1" PEX	1	\$17.77
Q4751350	ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 1/2" PEX	1	\$15.26
Q4751337	ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 3/4" PEX	1	\$17.83
Q4751331	ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 1" PEX	1	\$18.44
Q4751517	ProPEX EP Reducing Tee, 1 1/2" PEX x 1" PEX x 3/4" PEX	1	\$24.53
Q4751511	ProPEX EP Reducing Tee, 1 1/2" PEX x 1" PEX x 1" PEX	1	\$22.40
Q4751505	ProPEX EP Reducing Tee, 1 1/2" PEX x 1" PEX x 1 1/2" PEX	1	\$23.92
Q4751537	ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/4" PEX x 3/4" PEX	1	\$24.39
Q4751531	ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/4" PEX x 1" PEX	1	\$25.27

ProPEX reducing tees



\$ Price reduced

PEX plumbing systems

ProPEX reducing tees



Part no.	Part description	Pkg. qty.	List price/ea.
Q4751533	ProPEX EP Reducing Tee, 1½" PEX x 1¼" PEX x 1¼" PEX	1	\$26.87
Q4751550	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x ½" PEX	1	\$23.25
Q4751557	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x ¾" PEX	1	\$25.87
Q4751551	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x 1" PEX	1	\$23.60
Q4751553	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x 1¼" PEX	1	\$25.53
Q4752575	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x ¾" PEX	1	\$75.60 \$
Q4752051	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 1" PEX	1	\$58.50 \$
Q4752053	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 1¼" PEX	1	\$71.10 \$
Q4752055	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 1½" PEX	1	\$77.22 \$
Q4752152	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 2" PEX	1	\$60.50 \$
Q4752250	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x ½" PEX	1	\$85.35 \$
Q4752275	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x ¾" PEX	1	\$86.40 \$
Q4752210	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1" PEX	1	\$63.00 \$
Q4752213	ProPEX EP Reducing Tee, 2" x 2" x 1¼"	1	\$68.41 \$
Q4752215	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1½" PEX	1	\$63.00 \$
Q4752525	ProPEX EP Reducing Tee, 2½" PEX x 2" PEX x 1½" PEX	1	\$135.20
Q4752522	ProPEX EP Reducing Tee, 2½" PEX x 2" PEX x 2" PEX	1	\$135.20
Q4752557	ProPEX EP Reducing Tee, 2½" PEX x 2½" PEX x ¾" PEX	1	\$104.00
Q4752510	ProPEX EP Reducing Tee, 2½" PEX x 2½" PEX x 1" PEX	1	\$124.80
Q4752513	ProPEX EP Reducing Tee, 2½" PEX x 2½" PEX x 1¼" PEX	1	\$135.20
Q4752515	ProPEX EP Reducing Tee, 2½" PEX x 2½" PEX x 1½" PEX	1	\$135.20
Q4752520	ProPEX EP Reducing Tee, 2½" PEX x 2½" PEX x 2" PEX	1	\$135.20
Q4753220	ProPEX EP Reducing Tee, 3" PEX x 2" PEX x 2" PEX	1	\$187.20
Q4753215	ProPEX EP Reducing Tee, 3" PEX x 2½" PEX x 1½" PEX	1	\$182.00
Q4753252	ProPEX EP Reducing Tee, 3" PEX x 2½" PEX x 2" PEX	1	\$208.00

\$ Price reduced

PEX plumbing systems

Part no.	Part description	Pkg. qty.	List price/ea.
Q4753375	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x ¾" PEX	1	\$156.00
Q4753310	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 1" PEX	1	\$156.00
Q4753313	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 1¼" PEX	1	\$166.40
Q4753315	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 1½" PEX	1	\$176.80
Q4753320	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 2" PEX	1	\$208.00
Q4753325	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 2½" PEX	1	\$228.80

ProPEX reducing tees



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 ½" PEX	25	\$1.38
Q4350750	ProPEX EP Plug for ¾" PEX	25	\$2.35
Q4351000	ProPEX EP Plug for 1" PEX	10	\$4.25
Q4351250	ProPEX EP Plug for 1¼" PEX	1	\$16.50
Q4351500	ProPEX EP Plug for 1½" PEX	1	\$24.76
Q4352000	ProPEX EP Plug for 2" PEX	1	\$33.72

ProPEX EP plugs



PEX plumbing systems

ProPEX adapters

ProPEX EP swivel closet 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	\$8.79

ProPEX swivel faucet 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	\$4.52
LF4655050	ProPEX LF Brass Swivel Faucet Adapter, 1/2" PEX x 1/2" NPSM	25	\$17.28

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 Groove Fitting Adapter, 2" PEX LF Brass x 2" CTS Groove	1	\$95.72
LFV2962025	ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2 1/2" CTS Groove	1	\$96.83
LFV2962525	ProPEX LF Groove Fitting Adapter, 2 1/2" PEX LF Brass x 2 1/2" CTS Groove	1	\$144.69
LFV2963030	ProPEX LF Groove Fitting Adapter, 3" PEX LF Brass x 3" CTS Groove	1	\$211.47

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 Groove Fitting Adapter, 2" PEX LF Brass x 2" IPS Groove	1	\$95.72
LFV2972025	ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2 1/2" IPS Groove	1	\$96.83
LFV2972520	ProPEX LF Groove Fitting Adapter, 2 1/2" PEX LF Brass x 2" IPS Groove	1	\$142.46
LFV2972525	ProPEX LF Groove Fitting Adapter, 2 1/2" PEX LF Brass x 2 1/2" IPS Groove	1	\$144.69
LFV2972530	ProPEX LF Groove Fitting Adapter, 2 1/2" PEX LF Brass x 3" IPS Groove	1	\$183.65
LFV2973025	ProPEX LF Groove Fitting Adapter, 3" PEX LF Brass x 2 1/2" IPS Groove	1	\$194.78
LFV2973030	ProPEX LF Groove Fitting Adapter, 3" PEX LF Brass x 3" IPS Groove	1	\$211.47

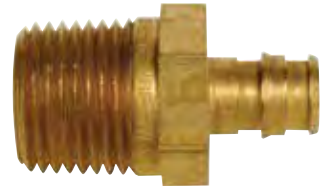
PEX plumbing systems

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	\$13.86
LF4525050	ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 1/2" NPT	25	\$7.32
LF4525075	ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 3/4" NPT	25	\$17.86
LF4527575	ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$13.63
LF4527510	ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 1" NPT	10	\$26.78
LF4521075	ProPEX LF Brass Male Threaded Adapter, 1" PEX x 3/4" NPT	10	\$27.17
LF4521010	ProPEX LF Brass Male Threaded Adapter, 1" PEX x 1" NPT	10	\$30.92
LF4521313	ProPEX LF Brass Male Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	1	\$72.43
LF4521515	ProPEX LF Brass Male Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	1	\$83.35
LF4522020	ProPEX LF Brass Male Threaded Adapter, 2" PEX x 2" NPT	1	\$246.97
LF4522525	ProPEX LF Brass Male Threaded Adapter, 2 1/2" PEX x 2 1/2" NPT	1	\$450.50
LF4523030	ProPEX LF Brass Male Threaded Adapter, 3" PEX x 3" NPT	1	\$657.20

ProPEX LF brass 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	\$25.73
Q8527575	ProPEX Stainless-steel Male Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$36.02
Q8521010	ProPEX Stainless-steel Male Threaded Adapter, 1" PEX x 1" NPT	10	\$56.61

ProPEX stainless-steel male threaded 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	\$16.88
LF4575075	ProPEX LF Brass Female Threaded Adapter, 1/2" PEX x 3/4" NPT	25	\$22.78
LF4577575	ProPEX LF Brass Female Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$17.03
LF4577510	ProPEX LF Brass Female Threaded Adapter, 3/4" PEX x 1" NPT	10	\$57.63
LF4571010	ProPEX LF Brass Female Threaded Adapter, 1" PEX x 1" NPT	10	\$36.35
LF4571313	ProPEX LF Brass Female Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	1	\$78.33
LF4571515	ProPEX LF Brass Female Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	1	\$131.72
LF4572020	ProPEX LF Brass Female Threaded Adapter, 2" PEX x 2" NPT	1	\$304.60

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	\$11.52
LF4515050	ProPEX LF Brass Sweat Adapter, 1/2" PEX x 1/2" Copper	25	\$5.28
LF4515075	ProPEX LF Brass Sweat Adapter, 1/2" PEX x 3/4" Copper	25	\$10.36
LF4517550	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 1/2" Copper	25	\$18.12
LF4517575	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 3/4" Copper	25	\$11.98
LF4517510	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 1" Copper	10	\$23.88
LF4511010	ProPEX LF Brass Sweat Adapter, 1" PEX x 1" Copper	10	\$20.17
LF4511313	ProPEX LF Brass Sweat Adapter, 1 1/4" PEX x 1 1/4" Copper	1	\$52.35
LF4511515	ProPEX LF Brass Sweat Adapter, 1 1/2" PEX x 1 1/2" Copper	1	\$77.38
LF4512020	ProPEX LF Brass Sweat Adapter, 2" PEX x 2" Copper	1	\$222.26
LF4512525	ProPEX LF Brass Sweat Adapter, 2 1/2" PEX x 2 1/2" Copper	1	\$386.90
LF4513030	ProPEX LF Brass Sweat Adapter, 3" PEX x 3" Copper	1	\$609.50

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	\$5.17
LF4505075	ProPEX LF Brass Fitting Adapter, 1/2" PEX x 3/4" Copper	25	\$11.41
LF4507550	ProPEX LF Brass Fitting Adapter, 3/4" PEX x 1/2" Copper	25	\$15.23
LF4507575	ProPEX LF Brass Fitting Adapter, 3/4" PEX x 3/4" Copper	25	\$10.99
LF4507510	ProPEX LF Brass Fitting Adapter, 3/4" PEX x 1" Copper	10	\$24.70
LF4501010	ProPEX LF Brass Fitting Adapter, 1" PEX x 1" Copper	10	\$19.94
LF4501313	ProPEX LF Brass Fitting Adapter, 1 1/4" PEX x 1 1/4" Copper	1	\$48.10
LF4501515	ProPEX LF Brass Fitting Adapter, 1 1/2" PEX x 1 1/2" Copper	1	\$76.98
LF4502020	ProPEX LF Brass Fitting Adapter, 2" PEX x 2" Copper	1	\$222.26

Part no.	Part description	Pkg. qty.	List price/ea.
LF2957575	ProPEX LF Water Heater Adapter, 3/4" PEX LF Brass x 3/4" FIP x 18"	20	\$63.40

ProPEX LF brass water heater adapters



PEX plumbing systems

ProPEX LF brass CPVC spigot adapters



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, 1/4" PEX x 1/4" CPVC (CTS)	1	\$53.00
CP4501515	ProPEX LF Brass x CPVC Spigot Adapter, 1/2" PEX x 1/2" CPVC (CTS)	1	\$68.90
CP4502020	ProPEX LF Brass x CPVC Spigot Adapter, 2" PEX x 2" CPVC (CTS)	1	\$106.00

ProPEX LF brass CPVC socket 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, 1/4" PEX x 1/4" CPVC (CTS)	1	\$53.00
CP4511515	ProPEX LF Brass x CPVC Socket Adapter, 1/2" PEX x 1/2" CPVC (CTS)	1	\$68.90
CP4512020	ProPEX LF Brass x CPVC Socket Adapter, 2" PEX x 2" CPVC (CTS)	1	\$106.00

ProPEX LF brass CPVC spigot adapter kits





ProPEX LF brass CPVC spigot adapter kits transition from either copper tube size (CTS) or iron pipe size (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, 1/4" PEX x 1/4" CPVC (IPS or CTS)	1	\$61.11
CP4501500	ProPEX LF Brass x CPVC Spigot Adapter Kit, 1/2" PEX x 1/2" CPVC (IPS or CTS)	1	\$79.13
CP4502000	ProPEX LF Brass x CPVC Spigot Adapter Kit, 2" PEX x 2" CPVC (IPS or CTS)	1	\$116.76

ProPEX LF brass flange adapter kits



ProPEX LF brass flange adapter kits are available for 2 1/2" 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, 2 1/2" PEX (150 lb.)	\$412.30 
LF2983030	ProPEX LF Brass Flange Adapter Kit, 3" PEX (150 lb.)	\$556.50 

 Price reduced

Valves and accessories

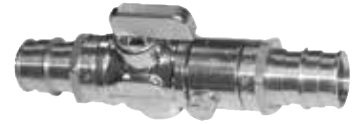
Uponor ProPEX LF brass valves for residential applications consist of 1/2" ProPEX chrome-plated, full-port, point-of-use stop valves, ice maker valves and in-line (drain and non-drain) ProPEX x ProPEX, ProPEX x sweat and ProPEX x MPT ball valves 1/2" to 3/4". Uponor also offers LF brass commercial ball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

ProPEX Brass Ball Valve features an in-line, quarter-turn shut off valve for 1/2" or 3/4" PEX. Drain Port included on the downstream side of the valve.

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

Part no.	Part description	Pkg. qty.	List price/ea.
LF4815055	ProPEX LF Brass Stop and Drain Ball Valve, (0.44" bore) 1/2" PEX	10	\$47.98
LF4817580	ProPEX LF Brass Stop and Drain Ball Valve, (0.44" bore) 3/4" PEX	10	\$55.41

Drain 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	\$11.48

ProPEX LF brass angle 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	\$12.85
LF4975038	ProPEX LF Brass Connector, 1/2" PEX x 3/8" O.D. (straight adapter)	25	\$8.33

ProPEX LF brass straight stop valves



PEX plumbing systems

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	\$25.63
LF4420500	LF Brass Compression Straight Stop Valve for 1/2" PEX	10	\$30.80
F5400500	1/2" Insert (stainless steel)	10	\$2.75
F4440500	1/2" Compression Ring (brass)	10	\$1.62

Riser



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	\$1.96
F1072520	3/8" O.D. x 20" Lav Riser	100	\$2.81
F1072530	3/8" O.D. x 30" Lav Riser	100	\$3.69
F1072536	3/8" O.D. x 36" Lav Riser	100	\$4.78
F1082512	3/8" O.D. x 12" Closet Riser	100	\$2.18
F1082520	3/8" O.D. x 20" Closet Riser	100	\$2.81
Q4440250	3/8" I.D. Delrin Ring, replacement part	50	\$0.19
Q4300250	AQUAPEX Riser Washer, 100/bag	1	\$48.46

ProPEX escutcheons



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 (1 1/16" O.D.), chrome-plated	25	\$15.28
F5670500	ProPEX Escutcheon for 1/2" PEX (1 1/16" O.D.), white	25	\$4.24

Chrome finishing sleeve



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 (1 1/16" O.D.)	25	\$8.92

PEX plumbing systems

ProPEX LF brass ball valves are intended as an in-line shutoff (with and without drain) valve for ½" and ¾" Uponor PEX. These valves are not compatible with applications using glycol.

ProPEX LF brass ball valves

Part no.	Part description	Pkg. qty.	List price/ea.
LF4815050	ProPEX LF Brass Ball Valve, ½" PEX x ½" PEX	10	\$29.42
LF4817575	ProPEX LF Brass Ball Valve, ¾" PEX x ¾" PEX	10	\$35.58



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.

ProPEX LF brass commercial ball valves

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), ½" PEX x ½" PEX	10	\$33.92 \$
LFC4827575	ProPEX LF Brass Commercial Ball Valve (full port), ¾" PEX x ¾" PEX	10	\$41.31 \$
LFC4821010	ProPEX LF Brass Commercial Ball Valve (full port), 1" PEX x 1" PEX	1	\$60.56 \$
LFC4821313	ProPEX LF Brass Commercial Ball Valve (full port), 1¼" PEX x 1¼" PEX	1	\$96.90 \$
LFC4821515	ProPEX LF Brass Commercial Ball Valve (full port), 1½" PEX x 1½" PEX	1	\$149.39 \$
LFC4822020	ProPEX LF Brass Commercial Ball Valve (full port), 2" PEX x 2" PEX	1	\$258.40 \$
F5630001	2⅜" Stem Extension Kit for ½" and ¾" Valves	1	\$26.16
F5630002	2⅝" Stem Extension Kit for 1" and 1¼" Valves	1	\$28.38
F5630003	2⅞" Stem Extension Kit for 1½" and 2" Valves	1	\$51.20



ProPEX to MIP LF brass (quarter-turn) ball valves feature a shutoff valve between ½" Uponor AquaPEX and ½" MIP.

ProPEX to MIP LF brass ball valves

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, ½" PEX x ½" MIP	10	\$42.18



\$ Price reduced

PEX plumbing systems

ProPEX LF brass to copper ball valves



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, 1/2" PEX x 1/2" Copper Adapter	10	\$24.27
LF4807575	ProPEX LF Brass Ball Valve, 3/4" PEX x 3/4" Copper Adapter	10	\$43.01

ProPEX LF brass ice maker tees and 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	\$53.80
LF4785025	ProPEX LF Brass Ice Maker Valve, 1/2" PEX x 1/4" O.D. (angle)	10	\$19.96
LF4786025	ProPEX LF Brass Ice Maker Valve, 1/2" PEX x 1/4" O.D. (straight)	10	\$23.20

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



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	\$14.31
WS4361000	ProPEX EP Straight Water Meter Fitting, 1" PEX x 1 1/4" NPSM	1	\$16.43
WS4360751	ProPEX EP Elbow Water Meter Fitting, 3/4" PEX x 1" NPSM	1	\$15.90
WS4361001	ProPEX EP Elbow Water Meter Fitting, 1" PEX x 1 1/4" NPSM	1	\$18.55

PEX plumbing systems

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).

ProPEX LF brass water meter valves



Part no.	Part description	Pkg. qty.	List price/ea.
WS4820750	ProPEX LF Brass Straight Water Meter Valve, 3/4" PEX x 1" NPSM	1	\$39.75
WS4821000	ProPEX LF Brass Straight Water Meter Valve, 1" PEX x 1 1/4" NPSM	1	\$55.65
WS4820751	ProPEX LF Brass Elbow Water Meter Valve, 3/4" PEX x 1" NPSM	1	\$39.75
WS4821001	ProPEX LF Brass Elbow Water Meter Valve, 1" PEX x 1 1/4" NPSM	1	\$55.65

Part no.	Part description	Pkg. qty.	List price/ea.
A5750001	Mounting Bracket for 5/8" to 1" Water Meters	1	\$12.72

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



Ells and boxes

ProPEX LF copper tub ells provide a 90-degree transition from tub and shower valve to Uponor AquaPEX tubing.

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

ProPEX LF copper tub ells



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	\$19.54
LF2885050	ProPEX LF Copper Tub Ell, 1/2" PEX LF Brass x 1/2" Copper (3" x 4")	25	\$19.72

PEX plumbing systems

ProPEX LF copper stub ells



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

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

Part no.	Part description	Pkg. qty.	List price/ea.
LF2865050	ProPEX LF Copper Stub Ell, 1/2" PEX LF Brass x 1/2" Copper (3 1/2" x 8")	25	\$21.19
LF2855050	ProPEX LF Copper Stub Ell, 1/2" PEX LF Brass x 1/2" Copper (13" x 8")	25	\$30.77
LF2895050	ProPEX LF Copper Stub Ell, 1/2" PEX LF Brass x 1/2" Copper (8" x 13")	25	\$31.61
LF2897575	ProPEX LF Copper Stub Ell, 3/4" PEX LF Brass x 3/4" Copper (4" x 8")	25	\$48.33
LF2891010	ProPEX LF Copper Stub Ell, 1" PEX x 1" Copper (13" x 16")	1	\$60.00

ProPEX LF copper straight stubs



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

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

Part no.	Part description	Pkg. qty.	List price/ea.
LF2935050	ProPEX LF Copper Straight Stub, 1/2" PEX LF Brass x 1/2" Copper (8")	25	\$23.57
LF2945050	ProPEX LF Copper Straight Stub, 1/2" PEX LF Brass x 1/2" Copper (15")	25	\$28.20
LF2962525	ProPEX LF Copper Straight Stub, 2 1/2" PEX LF Brass x 2 1/2" Copper	1	\$503.50
LF2963030	ProPEX LF Copper Straight Stub, 3" PEX LF Brass x 3" Copper	1	\$763.20

ProPEX LF brass washing machine outlet boxes



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.

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	\$108.32

PEX plumbing systems

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	\$63.94
F5400250	¼" Insert (stainless steel)	10	\$1.14

ProPEX LF brass ice maker boxes



Copper branch manifolds

ProPEX 1" copper branch manifolds feature ½" 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.

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 ½" ProPEX LF brass outlets, 4 outlets	1	\$106.20
LF2811050	ProPEX 1" Copper Branch Manifold with ½" ProPEX LF brass outlets, 6 outlets	1	\$146.95
LF2821050	ProPEX 1" Copper Branch Manifold with ½" ProPEX LF brass outlets, 8 outlets	1	\$185.05
LF2831050	ProPEX 1" Copper Branch Manifold with ½" ProPEX LF brass outlets, 10 outlets	1	\$230.92
LF2841050	ProPEX 1" Copper Branch Manifold with ½" ProPEX LF brass outlets, 12 outlets	1	\$283.71

ProPEX 1" (type L) copper branch manifolds



PEX plumbing systems

Tools and accessories

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

- Tube uncoilers: **page 123**
- Tube cutters: **page 124**
- ProPEX fittings accessories: **page 124**
- ProPEX tools and accessories: **pages 125-126**
- Other tools: **page 126**
- Tubing supports: **pages 127-128**
- Fasteners, fastener tools and protectors: **pages 129-132**



Southwest Homes and Assisted Living

Swift Current, SK

Project highlights

- Retrofit installation
- Features Uponor AquaSAFE plumbing and fire sprinkler system
- Recessed sprinklers with cover plates to seamlessly blend in with the ceiling

Project data

- 1" Uponor AquaPEX for plumbing and fire sprinklers
- Reliable® sprinklers

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

Residential fire sprinkler systems

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 (93.3°C) at 80psi, 180°F (82.2°C) at 100psi and 73.4°F (23°C) 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 (48.9°C) 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 (60°C) while also affording a 30-day UV-resistance level.

Uponor AquaPEX white coils



Part no.	Part description	Coils/pallet	List price/ea.
F1040750	¾" Uponor AquaPEX White, 100-ft. coil	22	\$143.22
F1060750	¾" Uponor AquaPEX White, 300-ft. coil	9	\$429.66
F1100750	¾" Uponor AquaPEX White, 500-ft. coil	8	\$716.13
F1041000	1" Uponor AquaPEX White, 100-ft. coil	12	\$252.91
F1061000	1" Uponor AquaPEX White, 300-ft. coil	5	\$758.72
F1101000	1" Uponor AquaPEX White, 500-ft. coil	6	\$1,264.59
F1061250	1¼" Uponor AquaPEX White, 100-ft. coil	7	\$513.27
F1021250	1¼" Uponor AquaPEX White, 300-ft. coil	2	\$1,539.86

Uponor AquaPEX white straight lengths



Part no.	Part description	Pkg. qty.	List price/ea.
F1930750	¾" Uponor AquaPEX White, 20-ft. straight length, 300 ft.	15	\$436.10
F1921000	1" Uponor AquaPEX White, 20-ft. straight length, 200 ft.	10	\$513.39
F1921250	1¼" Uponor AquaPEX White, 20-ft. straight length, 100 ft.	5	\$520.95

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.
Q4690756	ProPEX Ring with Stop, ¾"	50	\$0.61
Q4691000	ProPEX Ring with Stop, 1"	50	\$1.86
Q4691250	ProPEX Ring with Stop, 1¼"	10	\$2.14

Residential fire sprinkler systems

Looped 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 1½" 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, ¾" PEX x ¾" PEX x ½" FNPT	5	\$57.64
LF7701010*	ProPEX LF Brass Fire Sprinkler Adapter Tee, 1" PEX x 1" PEX x ½" FNPT	5	\$61.96
LF7711050	ProPEX LF Brass Fire Sprinkler Adapter Elbow, 1" PEX x ½" FNPT	5	\$44.52
LF7717550	ProPEX LF Brass Fire Sprinkler Adapter Elbow, ¾" PEX x ½" FNPT	5	\$42.85
A7750700	Fire Sprinkler Adapter Mounting Bracket, ¾" and 1"	5	\$12.69
F7001500	Screws, #10 x 1½", Pan Head, Full Thread, 100/pkg.	1	\$31.71
F7000005	Fire Sprinkler Adapter Push-on Nut, 25/pkg.	1	\$79.26

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

ProPEX LF brass fire sprinkler adapters



Residential fire sprinkler systems

Residential fire sprinklers

Concealed 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 (37.8°C). 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	\$64.50
LF74971FW*	LF RC-RES (175F) Flat Concealed Sprinkler with White Cover Plate	4.9	5	\$116.64

*Use 175°F (79.4°C) sprinklers where the maximum ambient ceiling temperatures are between 101°F (38.3°C) and 150°F (65.6°C).

Recessed pendent 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 (37.8°C). 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	3.0	5	\$87.83
LF73001WH*	LF Recessed Pendent Sprinkler, 175F, 3.0 K-factor, White	3.0	5	\$87.83
LF74900WH	LF Recessed Pendent Sprinkler, 155F, 4.9 K-factor, White	4.9	5	\$87.83
LF74901WH*	LF Recessed Pendent Sprinkler, 175F, 4.9 K-factor, White	4.9	5	\$87.83

*Use 175°F (79.4°C) sprinklers where the maximum ambient ceiling temperatures are between 101°F (38.3°C) and 150°F (65.6°C).

Horizontal sidewall 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 tension collars sold separately. Do not store sprinklers where the ambient temperature will exceed 100°F (37.8°C). 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	\$89.21
LF74301HW*	LF Recessed Horizontal Sidewall Sprinkler, 175F, 4.2 K-factor, White	4.2	5	\$89.21
LF74000HS	LF Flat Concealed Horizontal Sidewall Sprinkler, 165F, 4.0 K-factor	4.0	5	\$192.13

*Use 175°F (79.4°C) sprinklers where the maximum ambient ceiling temperatures are between 101°F (38.3°C) and 150°F (65.6°C).

Residential fire sprinkler systems

Sprinkler cabinets

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

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

Part no.	Part description	Pkg. qty.	List price/ea.
Q7503000	Sprinkler Cabinet without Sprinklers	1	\$110.20

Sprinkler cabinets



Sprinkler accessories

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 (57.2°C) to 140°F (60°C).

Note: Do not store cover plates in areas where the ambient temperature will exceed 100°F (37.8°C). 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	\$57.64
Q70749WH	Concealed Flat Cover Plate for 162F LF RC-RES Sprinkler, White, 3¼"	50	\$32.83

Concealed flat cover plates



Residential fire sprinkler systems

Recessed escutcheons



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	\$12.35

Concealed sprinkler wrenches



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

Part no.	Part description	Pkg. qty.	List price/ea.
Q7500430	Sprinkler Wrench, LF Flat Concealed Horizontal Sidewall	1	\$241.54
Q7500700	Sprinkler Socket for LF RC-RES Sprinklers, LF74970FC and LF74971FW	1	\$308.79

Recessed 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	\$329.37
Q7500410	Sprinkler Wrench, LF Recessed Horizontal Sidewall	1	\$370.54

Residential fire sprinkler systems

ProPEX fittings

ProPEX EP 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.
Q4775075	ProPEX EP Coupling, 1/2" PEX x 3/4" PEX	25	\$2.38
Q4777575	ProPEX EP Coupling, 3/4" PEX x 3/4" PEX	25	\$2.88
Q4777510	ProPEX EP Coupling, 3/4" PEX x 1" PEX	25	\$9.97
Q4771010	ProPEX EP Coupling, 1" PEX x 1" PEX	10	\$4.88
Q4771307	ProPEX EP Coupling, 1 1/4" PEX x 3/4" PEX	1	\$8.17
Q4771310	ProPEX EP Coupling, 1 1/4" PEX x 1" PEX	1	\$8.49
Q4771313	ProPEX EP Coupling, 1 1/4" PEX x 1 1/4" PEX	1	\$9.63

ProPEX couplings



Residential fire sprinkler systems

ProPEX elbows



ProPEX EP 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.
Q4760750	ProPEX EP Elbow, 3/4" PEX x 3/4" PEX	25	\$4.31
Q4761000	ProPEX EP Elbow, 1" PEX x 1" PEX	10	\$8.65
Q4761250	ProPEX EP Elbow, 1 1/4" PEX x 1 1/4" PEX	1	\$16.99

ProPEX tees



ProPEX EP 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.
Q4757575	ProPEX EP Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX	25	\$5.60
Q4751010	ProPEX EP Tee, 1" PEX x 1" PEX x 1" PEX	10	\$11.12
Q4751313	ProPEX EP Tee, 1 1/4" PEX x 1 1/4" PEX x 1 1/4" PEX	1	\$18.97

Residential fire sprinkler systems

ProPEX EP 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.

ProPEX reducing tees



Part no.	Part description	Pkg. qty.	List price/ea.
Q4757557	ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 3/4" PEX	25	\$5.22
Q4757550	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX	25	\$4.53
Q4757710	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	10	\$18.10 \$
Q4751775	ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	10	\$11.04
Q4751751	ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	10	\$11.59
Q4751150	ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	10	\$11.28
Q4751175	ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	10	\$10.96
Q4751317	ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 3/4" PEX	1	\$14.81
Q4751311	ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 1" PEX	1	\$17.77
Q4751350	ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 1/2" PEX	1	\$15.26
Q4751337	ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 3/4" PEX	1	\$17.83
Q4751331	ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 1" PEX	1	\$18.44

\$ Price reduced

Residential fire sprinkler systems

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. Listed to UL 1821.

Part no.	Part description	Pkg. qty.	List price/ea.
Q4350750	ProPEX EP Plug for 3/4" PEX	25	\$2.35
Q4351000	ProPEX EP Plug for 1" PEX	10	\$4.25
Q4351250	ProPEX EP Plug for 1 1/4" PEX	1	\$16.50

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. 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	\$13.63
LF4521010	ProPEX LF Brass Male Threaded Adapter, 1" PEX x 1" NPT	10	\$30.92
LF4521313	ProPEX LF Brass Male Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	1	\$72.43

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	\$17.03
LF4571010	ProPEX LF Brass Female Threaded Adapter, 1" PEX x 1" NPT	10	\$36.35
LF4571313	ProPEX LF Brass Female Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	1	\$78.33

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	\$11.98
LF4511010	ProPEX LF Brass Sweat Adapter, 1" PEX x 1" Copper	10	\$20.17
LF4511313	ProPEX LF Brass Sweat Adapter, 1 1/4" PEX x 1 1/4" Copper	1	\$52.35

Residential fire sprinkler systems

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 3/4" 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	\$14.31
WS4361000	ProPEX EP Straight Water Meter Fitting, 1" PEX x 1 1/4" NPSM	1	\$16.43
WS4360751	ProPEX EP Elbow Water Meter Fitting, 3/4" PEX x 1" NPSM	1	\$15.90
WS4361001	ProPEX EP Elbow Water Meter Fitting, 1" PEX x 1 1/4" NPSM	1	\$18.55

ProPEX EP water meter fittings



Residential fire sprinkler systems

Tools and accessories

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

- Tube uncoilers: **page 123**
- Tube cutters: **page 124**
- ProPEX fittings accessories: **page 124**
- ProPEX tools and accessories: **pages 125-126**
- Other tools: **page 126**
- Tubing supports: **pages 127-128**
- Fasteners, fastener tools and protectors: **pages 129-132**

A photograph of a mechanical room showing a complex network of white PEX pipes and copper hydronic pipes. The pipes are organized on metal racks and connected to various valves and components. A large metal cabinet with a label is visible in the background. The ceiling is covered with silver insulation.

Normand Maurice Building

Montreal, QC

Project highlights

- 169,000 square feet (51,511 square meters)
- Public Works and Government Services Canada Building

Project data

- Wirsbo hePEX™ pipe
- Uponor radiant heating and cooling system
- Uponor snow and ice melting system

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

Radiant and hydronic piping systems

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 (93.3°C) at 80psi, 180°F (82.2°C) at 100psi and 73.4°F (23°C) 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	\$94.65
A1180313	5/16" Wirsbo hePEX, 250-ft. coil	40	\$236.51
A1220313	5/16" Wirsbo hePEX, 1,000-ft. coil	12	\$945.98
A1140375	3/8" Wirsbo hePEX, 100-ft. coil	28	\$140.14
A1210375	3/8" Wirsbo hePEX, 400-ft. coil	18	\$560.51
A1220375	3/8" Wirsbo hePEX, 1,000-ft. coil	12	\$1,401.29
A1140500	1/2" Wirsbo hePEX, 100-ft. coil	22	\$99.08
A1250500	1/2" Wirsbo hePEX, 300-ft. coil	18	\$297.09
A1260500	1/2" Wirsbo hePEX, 500-ft. coil	12	\$495.17
A1220500	1/2" Wirsbo hePEX, 1,000-ft. coil	8	\$990.33
A1140625	5/8" Wirsbo hePEX, 100-ft. coil	15	\$136.71
A1250625	5/8" Wirsbo hePEX, 300-ft. coil	12	\$410.11
A1210625	5/8" Wirsbo hePEX, 400-ft. coil	12	\$546.70
A1220625	5/8" Wirsbo hePEX, 1,000-ft. coil	5	\$1,366.93
A1140750	3/4" Wirsbo hePEX, 100-ft. coil	22	\$193.60
A1250750	3/4" Wirsbo hePEX, 300-ft. coil	9	\$580.82
A1240750	3/4" Wirsbo hePEX, 500-ft. coil	8	\$968.10
A1220750	3/4" Wirsbo hePEX, 1,000-ft. coil	3	\$1,935.84
A1141000	1" Wirsbo hePEX, 100-ft. coil	12	\$293.43
A1251000	1" Wirsbo hePEX, 300-ft. coil	5	\$880.41
A1241000	1" Wirsbo hePEX, 500-ft. coil	6	\$1,467.25
A1141250	1 1/4" Wirsbo hePEX, 100-ft. coil	7	\$540.26
A1251250	1 1/4" Wirsbo hePEX, 300-ft. coil	2	\$1,620.64
A1141500	1 1/2" Wirsbo hePEX, 100-ft. coil	7	\$757.78
A1251500	1 1/2" Wirsbo hePEX, 300-ft. coil	2	\$2,273.20
A1142000	2" Wirsbo hePEX, 100-ft. coil	5	\$1,317.09
A1252000	2" Wirsbo hePEX, 300-ft. coil	2	\$3,951.26

Note: Other non-standard lengths are available on a made-to-order basis. Call Uponor Customer Service at 888.994.7726 for availability and pricing. Wirsbo hePEX 3 1/2" and 4" tubing uses WIPEX™ fittings. See **page 114** 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)	\$502.92
A1930625	⅝" Wirsbo hePEX, 20-ft. straight length, 300 ft. (15 per bundle)	\$416.26
A1930750	¾" Wirsbo hePEX, 20-ft. straight length, 300 ft. (15 per bundle)	\$584.19
A1921000	1" Wirsbo hePEX, 20-ft. straight length, 200 ft. (10 per bundle)	\$595.70
A1921250	1¼" Wirsbo hePEX, 20-ft. straight length, 100 ft. (5 per bundle)	\$548.35
A1921500	1½" Wirsbo hePEX, 20-ft. straight length, 100 ft. (5 per bundle)	\$769.01
A1922000	2" Wirsbo hePEX, 20-ft. straight length, 100 ft. (5 per bundle)	\$1,336.60
A1912500	2½" Wirsbo hePEX, 10-ft. straight length, 30 ft. (3 per bundle)	\$575.93
A1922500	2½" Wirsbo hePEX 20-ft. straight length, 60 ft.(3 per bundle)	\$1,097.00
A1913000	3" Wirsbo hePEX, 10-ft. straight length, 30 ft. (3 per bundle)	\$762.47
A1923000	3" Wirsbo hePEX 20-ft. straight length, 40 ft. (2 per bundle)	\$968.22
A1913500	3½" Wirsbo hePEX, 10-ft. straight length, 30 ft. (3 per bundle)	\$998.45
A1923500	3½" Wirsbo hePEX, 20-ft. straight length, 40 ft. (2 per bundle)	\$1,267.87
A1914000	4" Wirsbo hePEX, 10-ft. straight length, 20 ft. (2 per bundle)	\$828.54
A1924000	4" Wirsbo hePEX, 20-ft. straight length, 20 ft. (1 per bundle)	\$789.09

Wirsbo hePEX straight lengths



Note: Wirsbo hePEX 3½" and 4" tubing uses WIPEX fittings, See **page 114** for a listing of WIPEX fittings.

Uponor's new oxygen-barrier PEX pipe manufactured using an Uponor proprietary technology, providing a competitive alternative to other closed-loop radiant heating tubing products in the market.

Key differentiators include:

- Select diameters and coil lengths
- 25-year limited warranty
- Not for potable-water applications

Uponor helioPEX™ X2 is rated and listed by the Hydrostatic Stress board of PPI at 200°F (93.3°C) at 80psi, 180°F (82.2°C) at 100psi and 73.4°F (23°C) at 160psi and features an oxygen barrier that conforms to DIN 4726. The tubing is compatible with Uponor ProPEX and QS fittings and is manufactured in full compliance to ASTM F876 (including dimensional requirements for barrier tubing), ASTM F877 and CSA B137.5.

Uponor helioPEX X2



Part no.	Part description	Coils/pallet	List price/ea.
H1250500	½" Uponor helioPEX X2, 300-ft. coil	18	\$159.00
H1240500	½" Uponor helioPEX X2, 500-ft. coil	12	\$265.00
H1220500	½" Uponor helioPEX X2, 1,000-ft. coil	8	\$530.00
H1210625	⅝" Uponor helioPEX X2, 400-ft. coil	12	\$366.00
H1220625	⅝" Uponor helioPEX X2, 1,000-ft. coil	5	\$915.20
H1250750	¾" Uponor helioPEX X2, 300-ft. coil	9	\$393.10
H1240750	¾" Uponor helioPEX X2, 500-ft. coil	8	\$655.20

Note: Uponor helioPEX X2 is not approved for potable water applications.

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 NASupport@uponor.com or 888.994.7726 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, ¾" reverse-return header only)
Pre-pressurization	20psi; pressurized at the factory with in-slab, ¾" reverse-return header
Distribution flow options	In-slab, ¾" 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 (93.3°C) at 80psi, 180°F (82.2°C) at 100psi and 73.4°F (23°C) 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 (48.9°C) at 130psi.

Uponor AquaPEX white tubing is marked with the PEX 5106 designation as required by ASTM F876, indicating it exceeds ASTM F876 chlorine-resistance requirements for continuous-recirculation systems operating up to 140°F (60°C) 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	\$56.91
F1090375	¾" Uponor AquaPEX White, 400-ft. coil	18	\$232.62
F1120375	¾" Uponor AquaPEX White, 1,000-ft. coil	12	\$581.58
F1040500	½" Uponor AquaPEX White, 100-ft. coil	22	\$71.60
F1060500	½" Uponor AquaPEX White, 300-ft. coil	18	\$214.81
F1100500	½" Uponor AquaPEX White, 500-ft. coil	12	\$358.00
F1120500	½" Uponor AquaPEX White, 1,000-ft. coil	8	\$716.04
F1060625	⅝" Uponor AquaPEX White, 300-ft. coil	12	\$363.86
F1120625	⅝" Uponor AquaPEX White, 1,000-ft. coil	5	\$1,214.00
F1040750	¾" Uponor AquaPEX White, 100-ft. coil	22	\$143.22
F1060750	¾" Uponor AquaPEX White, 300-ft. coil	9	\$429.66
F1100750	¾" Uponor AquaPEX White, 500-ft. coil	8	\$716.13
F1041000	1" Uponor AquaPEX White, 100-ft. coil	12	\$252.91
F1061000	1" Uponor AquaPEX White, 300-ft. coil	5	\$758.72
F1101000	1" Uponor AquaPEX White, 500-ft. coil	6	\$1,264.59
F1061250	1¼" Uponor AquaPEX White, 100-ft. coil	7	\$513.27
F1021250	1¼" Uponor AquaPEX White, 300-ft. coil	2	\$1,539.86
F1061500	1½" Uponor AquaPEX White, 100-ft. coil	7	\$603.50
F1021500	1½" Uponor AquaPEX White, 300-ft. coil	2	\$1,810.52
F1062000	2" Uponor AquaPEX White, 100-ft. coil	5	\$1,231.60
F1052000	2" Uponor AquaPEX White, 200-ft. coil	3	\$2,463.19
F1022000	2" Uponor AquaPEX White, 300-ft. coil	2	\$3,694.78
F1062500	2½" Uponor AquaPEX White, 100-ft. coil	1	\$1,665.56
F1022500	2½" Uponor AquaPEX White, 300-ft. coil	1	\$4,674.16
F1063000	3" Uponor AquaPEX White, 100-ft. coil	1	\$2,209.62
F1023000	3" Uponor AquaPEX White, 300-ft. coil	1	\$6,200.97

Radiant and hydronic piping systems

PEX-a Pipe Support



Uponor PEX-a Pipe Support is available in 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3" and 3 1/2" sizes for suspended piping applications in commercial plumbing and hydronic distribution systems, enabling hanger spacing to that of copper.

Part no.	Part description	Pkg. qty.	List price/ea.
F7040500	1/2" PEX-a Pipe Support, 9-ft. length	5	\$18.11
F7040750	3/4" PEX-a Pipe Support, 9-ft. length	5	\$23.03
F7041000	1" PEX-a Pipe Support, 9-ft. length	5	\$25.33
F7041250	1 1/4" PEX-a Pipe Support, 9-ft. length	5	\$29.17
F7041500	1 1/2" PEX-a Pipe Support, 9-ft. length	5	\$34.87
F7042000	2" PEX-a Pipe Support, 9-ft. length	5	\$38.32
F7042500	2 1/2" PEX-a Pipe Support, 9-ft. length	5	\$49.34
F7043000	3" PEX-a Pipe Support, 9-ft. length	5	\$52.74
F7043500	3 1/2" PEX-a Pipe Support, 9-ft. length	5	\$56.76
Q7410510	PEX-a Pipe Support Strapping for 1/2", 3/4" and 1" PEX	100	\$1.17
Q7411220	PEX-a Pipe Support Strapping for 1 1/4", 1 1/2" and 2" PEX	100	\$2.01
Q7412540	PEX-a Pipe Support Strapping for 2 1/2", 3", 3 1/2" PEX	100	\$3.39

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	\$628.29
A2603530	Manifold Wall Cabinet, 35.5" H x 30.5" W x 3.5" D	1	\$713.90
A2603539	Manifold Wall Cabinet, 35.5" H x 39" W x 3.5" D	1	\$783.89

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

¹When 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.

²When 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.

³When 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.

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

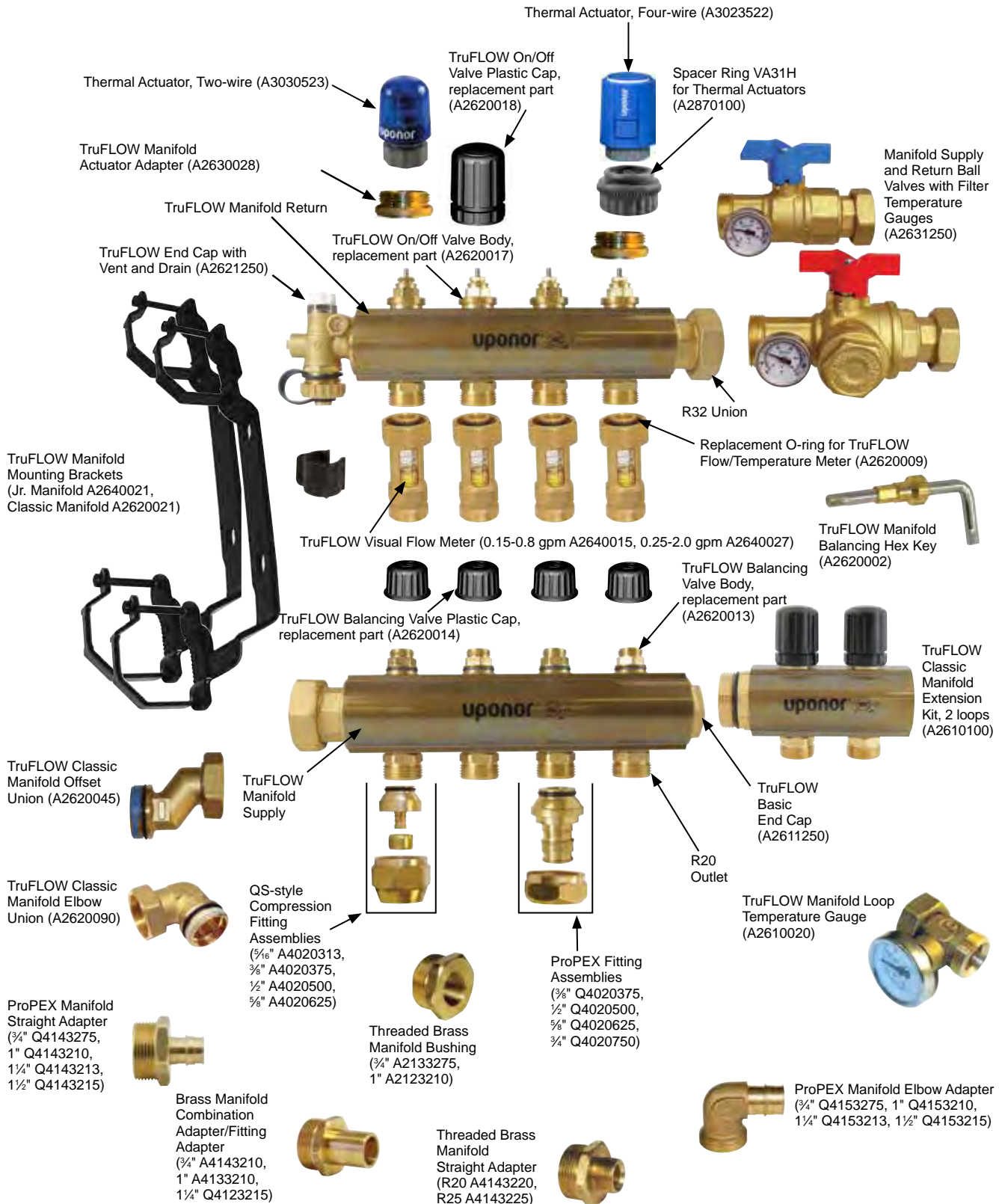
⁵When installing EP heating manifolds with 11 to 12 loops and adding the adapter, EP elbow or the ball valves (horizontally), note that the manifold assembly will have limited clearance inside the cabinet.

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

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).

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	\$298.09
A2660300	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 3-loop	R32-R20-R32	1	\$370.48
A2660400	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 4-loop	R32-R20-R32	1	\$431.87
A2660500	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 5-loop	R32-R20-R32	1	\$541.75
A2660600	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 6-loop	R32-R20-R32	1	\$604.65
A2660700	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 7-loop	R32-R20-R32	1	\$691.80
A2660800	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 8-loop	R32-R20-R32	1	\$736.59

TruFLOW Jr. assemblies with balancing valves and valveless manifolds



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 (1½" barrel diameter).

Part no.	Part description	Dim. (body-outlets)	Pkg. qty.	List price/ea.
A2660201	TruFLOW Jr. Assembly, B&I, 2-loop	R32-R20	1	\$381.62
A2660301	TruFLOW Jr. Assembly, B&I, 3-loop	R32-R20	1	\$471.00
A2660401	TruFLOW Jr. Assembly, B&I, 4-loop	R32-R20	1	\$557.17
A2660501	TruFLOW Jr. Assembly, B&I, 5-loop	R32-R20	1	\$688.44
A2660601	TruFLOW Jr. Assembly, B&I, 6-loop	R32-R20	1	\$766.81
A2660701	TruFLOW Jr. Assembly, B&I, 7-loop	R32-R20	1	\$861.58
A2660801	TruFLOW Jr. Assembly, B&I, 8-loop	R32-R20	1	\$985.06
A2610200	TruFLOW Classic Assembly, B&I, 2-loop	R32-R20	1	\$476.89
A2610300	TruFLOW Classic Assembly, B&I, 3-loop	R32-R20	1	\$557.42
A2610400	TruFLOW Classic Assembly, B&I, 4-loop	R32-R20	1	\$709.22
A2610500	TruFLOW Classic Assembly, B&I, 5-loop	R32-R20	1	\$855.98
A2610600	TruFLOW Classic Assembly, B&I, 6-loop	R32-R20	1	\$972.74
A2610700	TruFLOW Classic Assembly, B&I, 7-loop	R32-R20	1	\$1,023.74
A2610800	TruFLOW Classic Assembly, B&I, 8-loop	R32-R20	1	\$1,244.20
A2611000	TruFLOW Classic Assembly, B&I, 10-loop	R32-R20	1	\$1,527.08
A2611200	TruFLOW Classic Assembly, B&I, 12-loop	R32-R20	1	\$1,652.02

TruFLOW Jr. and Classic assemblies with balancing and isolation valves



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	\$149.46
A2663213	TruFLOW Jr. Manifold Balancing Valves, 3-loop	R32-R20-R32	1	\$175.87
A2663214	TruFLOW Jr. Manifold Balancing Valves, 4-loop	R32-R20-R32	1	\$205.92

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	\$165.04
A2663223	TruFLOW Jr. Isolation Valves, 3-loop	R32-R20-R32	1	\$218.13
A2663224	TruFLOW Jr. Isolation Valves, 4-loop	R32-R20-R32	1	\$270.08

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	\$95.30
A2663203	TruFLOW Jr. Valveless, 3-loop	R32-R20-R32	1	\$120.38
A2663204	TruFLOW Jr. Valveless, 4-loop	R32-R20-R32	1	\$135.04

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	\$52.27
A2640021	TruFLOW Jr. Manifold Mounting Bracket, single bracket replacement part	10	\$35.28

TruFLOW manifold mounting 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	\$128.78

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	\$26.66
A2400032	Basic End Cap Gasket, spare part, R32	10	\$4.30

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	\$329.03
A2631251	Manifold Supply and Return Ball Valves with Temperature Gauges, set of 2	1	\$216.77
A2631252	Manifold Supply and Return Ball Valves, set of 2	1	\$116.39

Manifold supply and return ball valves



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, 1¼" BSP x 1¼" BSP	10	\$24.53

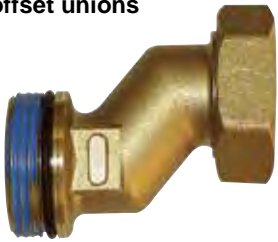
TruFLOW Classic manifold elbow unions



TruFLOW Classic manifold elbow unions feature an R32 union by 1¼" 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 1¼" BSP	10	\$35.80

TruFLOW Classic manifold offset unions



The TruFLOW Classic manifold offset unions feature an R32 union by 1¼" 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 1¼" BSP	10	\$37.27

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 1¼" 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	\$464.13

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	\$4.06
A2870100	Spacer Ring VA31H for Thermal Actuators	10	\$5.84

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.

Part no.	Part description	Pkg. qty.	List price/ea.
A2620002	TruFLOW Manifold Balancing Hex Key, replacement part	10	\$7.52

TruFLOW manifold balancing hex keys



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

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	\$44.58
A2640027	TruFLOW Visual Flow Meter, 0.25 to 2.0 gpm	10	\$44.58
A2620009	Replacement O-ring for TruFLOW Flow/Temperature Meter	10	\$0.55

TruFLOW visual flow meters



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.

Part no.	Part description	Pkg. qty.	List price/ea.
A2610020	TruFLOW Manifold Loop Temperature Gauge	10	\$49.74
A2610120	Temperature Gauge with Well, replacement part	10	\$33.72

TruFLOW manifold loop temperature gauges



Use replacement gaskets and O-rings on TruFLOW manifolds.

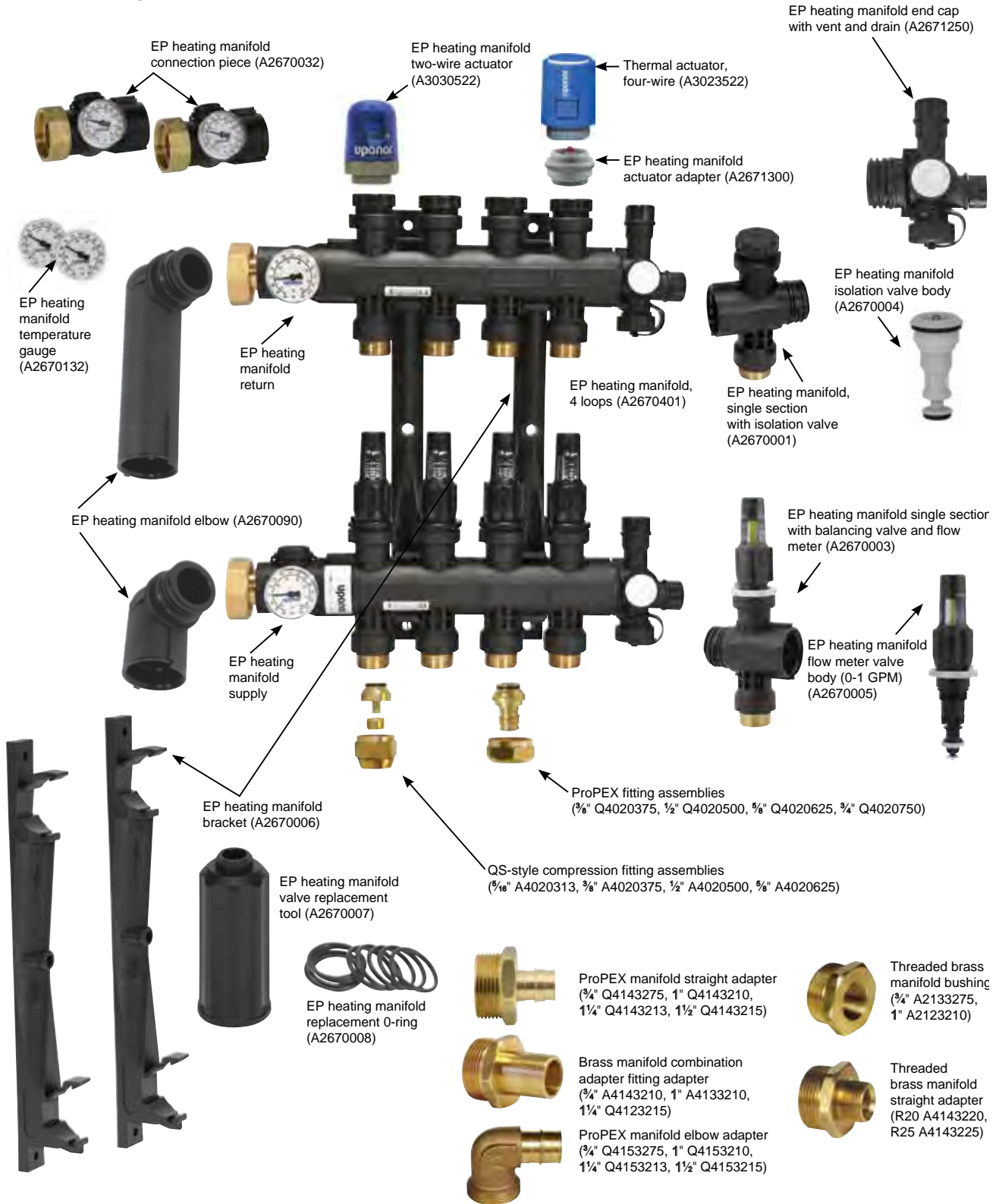
Part no.	Part description	Pkg. qty.	List price/ea.
A2620005	Replacement Gasket for R32 Union Connections	10	\$0.52
A2620008	Replacement O-ring for 1 1/4" BSP Connections	10	\$1.37
A2620009	Replacement O-ring for TruFLOW Flow/Temperature Meter	10	\$0.55
A2400020	Brass Manifold Loop End Cap Gasket, spare part	10	\$3.91
A2640004	Replacement O-ring for 1" BSP Manifold Connections	10	\$1.51
A2400032	Basic End Cap Gasket, spare part, R32	10	\$4.30

Replacement and spare parts for manifolds



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 (60°C)
- 72psi at 158°F (70°C)
- 58psi at 176°F (80°C)
- 44psi at 194°F (90°C)

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	\$327.05
A2670301	EP Heating Manifold Assembly with Flow Meter, 3-loop	R32-R20-R32	1	\$379.88
A2670401	EP Heating Manifold Assembly with Flow Meter, 4-loop	R32-R20-R32	1	\$461.07
A2670501	EP Heating Manifold Assembly with Flow Meter, 5-loop	R32-R20-R32	1	\$515.18
A2670601	EP Heating Manifold Assembly with Flow Meter, 6-loop	R32-R20-R32	1	\$581.87
A2670701	EP Heating Manifold Assembly with Flow Meter, 7-loop	R32-R20-R32	1	\$633.64
A2670801	EP Heating Manifold Assembly with Flow Meter, 8-loop	R32-R20-R32	1	\$718.30

Radiant and hydronic piping systems

EP heating manifold accessories

Manifold supply and return ball valves



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	\$329.03
A2631251	Manifold Supply and Return Ball Valves with Temperature Gauges, set of 2	1	\$216.77
A2631252	Manifold Supply and Return Ball Valves, set of 2	1	\$116.39

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	\$38.66

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	\$53.87

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	\$153.23

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	\$40.69

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	\$48.26

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	\$25.75

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	\$54.05

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	\$6.42

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	\$21.49

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	\$26.07

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	\$39.29

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	\$17.18

EP heating manifold valve replacement tools



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

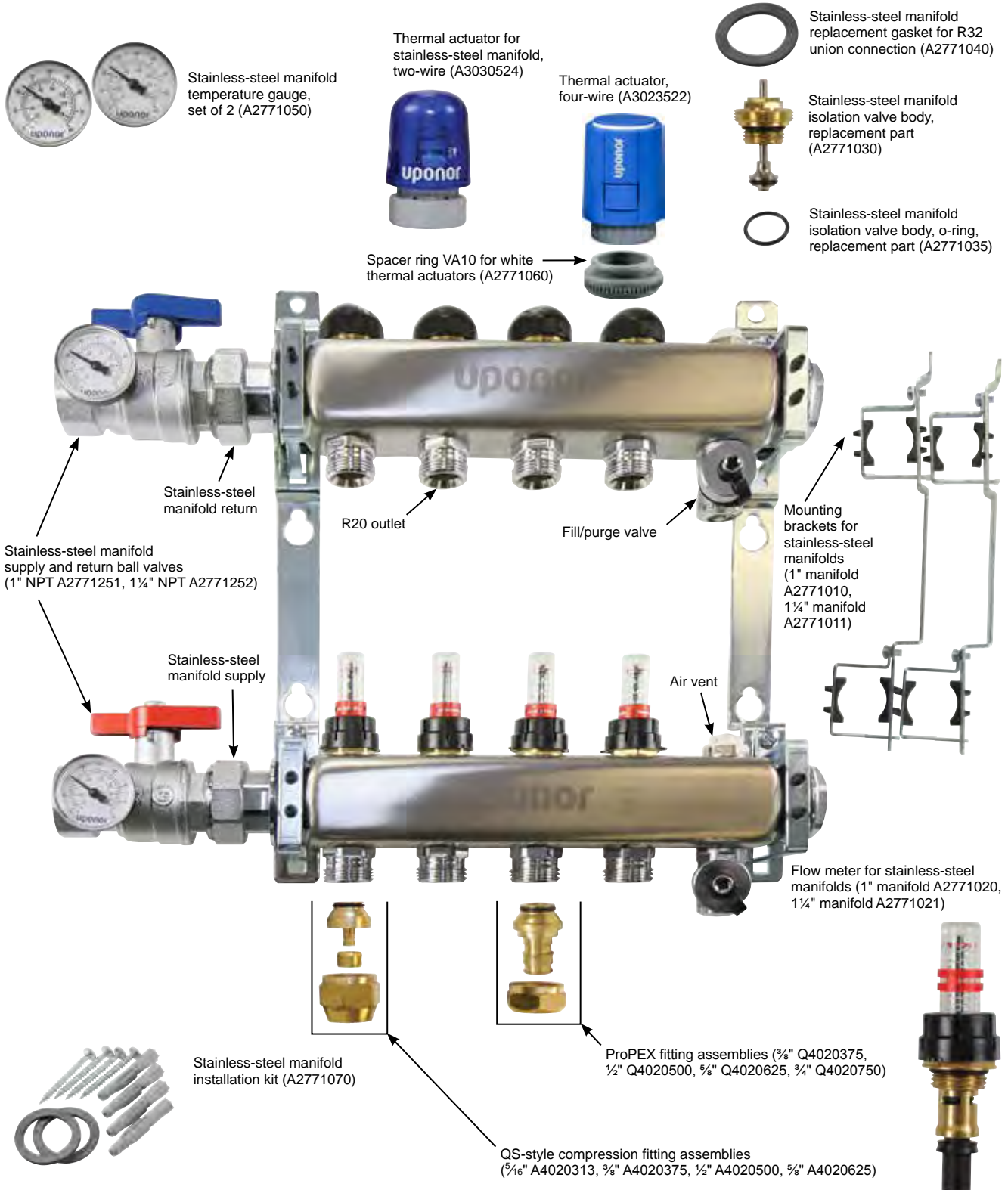
Part no.	Part description	Pkg. qty.	List price/ea.
A2670008	EP Heating Manifold Replacement O-ring 28.5 x 3mm EPDM	10	\$1.47

EP heating manifold replacement O-rings



Radiant and hydronic piping systems

Stainless-steel manifolds exploded view



Radiant and hydronic piping systems

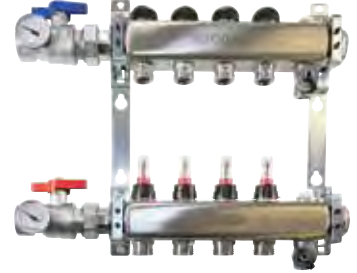
Stainless-steel manifolds

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 1½" 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	\$325.03
A2700302	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 3 loops	1	\$377.54
A2700402	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 4 loops	1	\$458.23
A2700502	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 5 loops	1	\$512.00
A2700602	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 6 loops	1	\$578.27
A2700702	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 7 loops	1	\$629.75
A2700802	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 8 loops	1	\$713.88
A2701002	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 10 loops	1	\$835.23
A2701202	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 12 loops	1	\$1,067.78
A2720202	Stainless-steel Manifold Assembly, 1¼" with flow meter, B&I, ball valve, 2 loops	1	\$398.40
A2720302	Stainless-steel Manifold Assembly, 1¼" with flow meter, B&I, ball valve, 3 loops	1	\$497.75
A2720402	Stainless-steel Manifold Assembly, 1¼" with flow meter, B&I, ball valve, 4 loops	1	\$592.41
A2720502	Stainless-steel Manifold Assembly, 1¼" with flow meter, B&I, ball valve, 5 loops	1	\$715.02
A2720602	Stainless-steel Manifold Assembly, 1¼" with flow meter, B&I, ball valve, 6 loops	1	\$812.57
A2720702	Stainless-steel Manifold Assembly, 1¼" with flow meter, B&I, ball valve, 7 loops	1	\$914.17
A2720802	Stainless-steel Manifold Assembly, 1¼" with flow meter, B&I, ball valve, 8 loops	1	\$1,039.34
A2721002	Stainless-steel Manifold Assembly, 1¼" with flow meter, B&I, ball valve, 10 loops	1	\$1,275.60
A2721202	Stainless-steel Manifold Assembly, 1¼" with flow meter, B&I, ball valve, 12 loops	1	\$1,475.18

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	\$82.37
A2771252	Stainless-steel Manifold Supply and Return 1¼" FNPT Ball Valve with Temperature Gauge, set of 2	1	\$113.49

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	\$16.93
A2771011	Mounting Bracket for Stainless-steel Manifold, 1¼", replacement part, set of 2	1	\$16.93

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	\$32.65

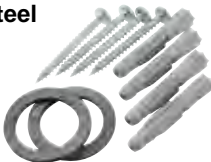
Stainless-steel manifold flow meters



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	\$22.16
A2771021	Stainless-steel Manifold Flow Meter 2 GPM Valve Body, replacement part	1	\$22.16

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	\$5.02

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	\$11.52
A2771035	O-ring for Stainless-steel Manifold Isolation Valve Body	10	\$9.34

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 Thermal Actuators	5	\$0.22

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	\$11.68

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	\$40.15
Q4143210	ProPEX Manifold Straight Adapter, R32 x 1" ProPEX	10	\$40.53
Q4143213	ProPEX Manifold Straight Adapter, R32 x 1 1/4" ProPEX	10	\$38.66
Q4143215	ProPEX Manifold Straight Adapter, R32 x 1 1/2" ProPEX	10	\$49.32
Q4153275	ProPEX Manifold Elbow Adapter, R32 x 3/4" ProPEX	10	\$52.94
Q4153210	ProPEX Manifold Elbow Adapter, R32 x 1" ProPEX	10	\$53.70
Q4153213	ProPEX Manifold Elbow Adapter, R32 x 1 1/4" ProPEX	10	\$54.66
Q4153215	ProPEX Manifold Elbow Adapter, R32 x 1 1/2" ProPEX	10	\$57.32

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	\$30.01
A4133210	Brass Manifold Adapter, R32 x 1" Adapter or 1 1/4" Fitting Adapter	10	\$23.06
A4123215	Brass Manifold Adapter, R32 to 1 1/4" Adapter or 1 1/2" Fitting Adapter	10	\$44.00

Threaded brass manifold straight adapters and bushings



Threaded brass manifold straight adapters and bushings transition the R32 manifold union nut to PEX 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	\$31.93
A4143225	Threaded Brass Manifold Straight Adapter, R32 Male x R25 Male	10	\$32.86
A2133275	Threaded Brass Manifold Bushing, R32 Male x 3/4" Female NPT	10	\$30.13
A2123210	Threaded Brass Manifold Bushing, R32 Male x 1" Female NPT	10	\$19.77

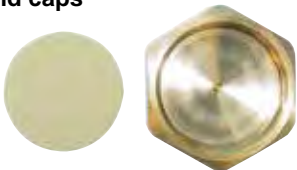
Brass manifold pressure test kits



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	Manifold Pressure Test Kit	1	\$81.19

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	\$11.53
A2400020	Brass Manifold Loop End Cap Gasket, spare part	10	\$3.91

Radiant and hydronic piping systems

Manifold loop fitting assemblies

ProPEX manifold fitting assemblies with ProPEX insert connect $\frac{3}{8}$ " though $\frac{3}{4}$ " 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	\$12.54
Q4020500	$\frac{1}{2}$ " ProPEX Fitting Assembly, R20 Thread	10	\$11.60
Q4020625	$\frac{5}{8}$ " ProPEX Fitting Assembly, R20 Thread	10	\$12.95
Q4020750	$\frac{3}{4}$ " ProPEX Fitting Assembly, R20 Thread	10	\$21.15

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

Part no.	Part description	Pkg. qty.	List price/ea.
Q4030625	$\frac{5}{8}$ " ProPEX Fitting Assembly, R25 thread	10	\$16.55
Q4030750	$\frac{3}{4}$ " ProPEX Fitting Assembly, R25 Thread	10	\$27.52

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	\$21.60
A4020375	$\frac{3}{8}$ " QS-style Compression Fitting Assembly, R20 thread	10	\$16.74
A4020500	$\frac{1}{2}$ " QS-style Compression Fitting Assembly, R20 thread	10	\$17.12
A4020625	$\frac{5}{8}$ " QS-style Compression Fitting Assembly, R20 thread	10	\$20.47
A4021116	Replacement O-ring for insert (R20)	10	\$0.50

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

Part no.	Part description	Pkg. qty.	List price/ea.
A4030625	$\frac{5}{8}$ " QS-style Compression Fitting Assembly, R25 thread	10	\$28.67
A4020750	$\frac{3}{4}$ " QS-style Compression Fitting Assembly, R25 thread	10	\$33.20
A4021000	Replacement O-ring for insert (R25)	10	\$0.68

QS-style compression fitting assemblies



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	\$5.07
A4160375	$\frac{3}{8}$ " QS-style Compression Ring, spare part	10	\$4.12
A4160500	$\frac{1}{2}$ " QS-style Compression Ring, spare part	10	\$4.87
A4160625	$\frac{5}{8}$ " QS-style Compression Ring, spare part	10	\$4.99
A4160750	$\frac{3}{4}$ " QS-style Compression Ring, spare part	10	\$12.20

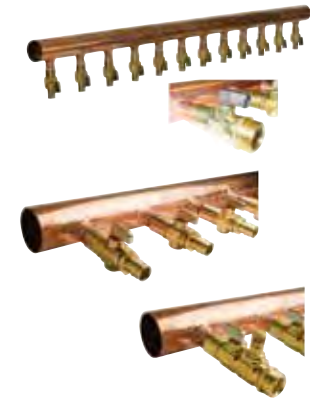
QS-style compression rings



Radiant and hydronic piping systems

Copper manifolds

2" copper valved manifold with ProPEX ball valves



Copper valved manifolds with ProPEX ball valves are made of type L copper and feature 5/8" and 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 5/8" ProPEX Ball Valves, 12 outlets	1	\$1,197.38
Q2811275	2" x 4' Copper Valved Manifold with 3/4" ProPEX Ball Valves, 12 outlets	1	\$1,146.44
Q2821263	2" x 4' Copper Valved Manifold with 5/8" ProPEX Ball and Balancing Valves, 12 outlets	1	\$1,615.63
Q2821275	2" x 4' Copper Valved Manifold with 3/4" ProPEX Ball and Balancing Valves, 12 outlets	1	\$1,394.74
F2811220	2" x 4' Copper Valved Manifold with R20 Threaded Ball Valves, 12 outlets	1	\$1,110.68
F2811225	2" x 4' Copper Valved Manifold with R25 Threaded Ball Valves, 12 outlets	1	\$1,519.84
F2821220	2" x 4' Copper Valved Manifold with R20 Threaded Ball and Balancing Valves, 12 outlets	1	\$1,867.01
F2821225	2" x 4' Copper Valved Manifold with R25 Threaded Ball and Balancing Valves, 12 outlets	1	\$1,527.21

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 888.994.7726 for pricing and availability.

2" copper valveless manifolds with ProPEX connections



Copper valveless manifolds (type L copper) feature either 5/8" or 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 5/8" ProPEX, 12 outlets	1	\$723.25
Q2831275	2" x 4' Copper Valveless Manifold with 3/4" ProPEX, 12 outlets	1	\$723.25

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 888.994.7726 for pricing and availability.

Radiant and hydronic piping systems

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

Copper valved manifold accessories

Part no.	Part description	Pkg. qty.	List price/ ea.
Q5806375	ProPEX Ball Valve, 5/8" PEX x 3/4" Copper Adapter	10	\$38.93
Q5807575	ProPEX Ball Valve, 3/4" PEX x 3/4" Copper Adapter	10	\$43.94
Q5906375	ProPEX Ball and Balancing Valve, 5/8" PEX x 3/4" Copper Adapter	10	\$66.60
Q5907575	ProPEX Ball and Balancing Valve, 3/4" PEX x 3/4" Copper Adapter	10	\$72.60
A5802075	Ball Valve, R20 Thread x 3/4" Copper Adapter	10	\$38.26
A5802575	Ball Valve, R25 Thread x 3/4" Copper Adapter	10	\$44.05
A5902075	Ball and Balancing Valve, R20 Thread x 3/4" Copper Adapter	10	\$75.85
A5902575	Ball and Balancing Valve, R25 Thread x 3/4" Copper Adapter	10	\$78.27
A2402000	2" Copper End Cap Spun End with drain and vent connections	1	\$185.25



Radiant and hydronic piping systems

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 (60°C) at 80psi. HDPE manifolds are made-to-order. Allow five weeks for delivery.

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	\$1,233.96
B2272101	2" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 1" ProPEX	1	\$1,474.13
B2252752	2" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 3/4" ProPEX	1	\$2,467.93
B2272102	2" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 1" ProPEX	1	\$2,948.26
B2253751	3" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 3/4" ProPEX	1	\$1,283.68
B2273101	3" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 1" ProPEX	1	\$1,523.84
B2253752	3" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 3/4" ProPEX	1	\$2,567.29
B2273102	3" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 1" ProPEX	1	\$3,043.52
B2254751	4" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 3/4" ProPEX	1	\$1,341.63
B2274101	4" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 1" ProPEX	1	\$1,581.87
B2254752	4" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 3/4" ProPEX	1	\$2,683.28
B2274102	4" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 1" ProPEX	1	\$3,163.61

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 888.994.7726 for pricing and availability.

Radiant and hydronic piping systems

Hydronic valves and accessories

Thermal mixing valves thermostatically control water temperature ranges between 80°F (26.7°C) and 165°F (73.9°C). The non-corrosive reactive valves feature 1" nominal sweat union connections and a Cv of 4.0.

Part no.	Part description	Pkg. qty.	List price/ea.
A5402112	1' Thermal Mixing Valve with Union	1	\$171.17
A5400012	1" Union Replacement Gasket	3	\$8.00

Thermal mixing 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	\$16.11
A3207575	ProPEX Brass Ball Valve ¾" PEX x ¾" PEX	10	\$23.74
A3201010	ProPEX Brass Ball Valve 1" PEX x 1" PEX	1	\$43.67
A3201313	ProPEX Brass Ball Valve 1¼" PEX x 1¼" PEX	1	\$53.00
A3201515	ProPEX Brass Ball Valve 1½" PEX x 1½" PEX	1	\$69.32
A3202020	ProPEX Brass Ball Valve 2" PEX x 2" PEX	1	\$133.14
F5630001	2⅜" Stem Extension Kit for ½" and ¾" Valves	1	\$26.16
F5630002	2⅝" Stem Extension Kit for 1" and 1¼" Valves	1	\$28.38
F5630003	2⅞" Stem Extension Kit for 1½" and 2" Valves	1	\$51.20

ProPEX brass ball valves



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	\$389.55

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	\$122.43

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 30m 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 (5°C) to 96°F (35.6°C) 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	\$128.00
A9010599	Slab Sensor, 10k	1	\$41.71

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 30m 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 (5°C) to 96°F (35.6°C), and default temperature is 68°F (20°C). 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	\$83.48

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	\$135.85
A9010599	Slab Sensor, 10k	1	\$41.71

Heat-only thermostats with touchscreen



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	\$333.90
A3040012	Cover Plate for SetPoint 521 Programmable Thermostat	1	\$40.28
A3040079	Floor Sensor, replacement part	1	\$103.25
A3040007	Cover Plate for 500 Series Controllers	10	\$46.77

SetPoint 521 programmable thermostats



Radiant and hydronic piping systems

SetPoint 150 controllers



SetPoint 150 controllers include flexible setpoint range (-40°F/-40°C to 239°F/115°C), 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	\$607.63

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	\$156.45
A3031004	Four-zone Control Module for Two and Four-wire Operation	1	\$180.47
A3030009	Replacement Fuse (2 amps), 4/pkg.	1	\$17.36
A3030010	Replacement Fuse (4 amps), 4/pkg.	1	\$14.18

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.994.7726 for availability. All sales are final. See the alphanumeric on pages 135-161 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	\$353.90
A3080406	Powered Six-zone Controller	1	\$447.19

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 84](#).

Part no.	Part description	Pkg. qty.	List price/ea.
A3030522	Two-wire Thermal Actuator for EP Heating Manifolds	1	\$70.97
A3030523	Two-wire Thermal Actuator for TruFLOW Classic and Jr. Valved Manifolds	1	\$70.59
A3030524	Two-wire Thermal Actuator for Stainless-steel Manifolds	1	\$64.24

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 84](#).

Part no.	Part description	Pkg. qty.	List price/ea.
A3023522	Thermal Actuator, four-wire	1	\$94.37
A2870100	Spacer Ring VA31H for Thermal Actuators	10	\$5.84
A2771060	Spacer Ring VA10 for Thermal Actuators	5	\$0.22
A2671300	EP Heating Manifold Actuator Adapter	10	\$6.42
A3019900	Spacer Ring VA33 for White Thermal Actuators	5	\$6.73

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	\$163.18
A5400012	1" Union Replacement Gasket	3	\$8.00

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	¾" Three-way Mixing Valve, (Cv=4.5)	1	\$732.18
A3040100	1" Three-way Mixing Valve, (Cv=4.5)	1	\$767.28

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	\$203.90
A3080301	Three-zone Multi-pump Relay	1	\$506.93

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	\$60.91

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	\$999.43

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	\$1,282.60
A3040091	Pavement Snow and Ice Sensor Cup	1	\$291.50
A3040095	Aerial Snow Sensor	1	\$307.40
A3040073	Slab Sensor for Aerial Snow Sensor	1	\$339.20

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

ProPEX fittings

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	\$0.43
Q4690512	ProPEX Ring with Stop, ½"	50	\$0.43
Q4690625	ProPEX Ring with Stop, ⅝"	50	\$0.66
Q4690756	ProPEX Ring with Stop, ¾"	50	\$0.61
Q4691000	ProPEX Ring with Stop, 1"	50	\$1.86
Q4691250	ProPEX Ring with Stop, 1¼"	10	\$2.14
Q4691500	ProPEX Ring with Stop, 1½"	5	\$2.78
Q4692000	ProPEX Ring with Stop, 2"	10	\$4.44 \$
Q4692500	ProPEX Ring with Stop, 2½"	5	\$5.13
Q4693000	ProPEX Ring with Stop, 3"	5	\$8.45

ProPEX rings



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, ⅜" PEX x ⅜" PEX	25	\$2.16
LF4543850	ProPEX LF Brass Coupling, ⅜" PEX x ½" PEX	25	\$13.10
Q4775050	ProPEX EP Coupling, ½" PEX x ½" PEX	25	\$1.83
LF4545050	ProPEX LF Brass Coupling, ½" PEX x ½" PEX	25	\$4.20
Q4775075	ProPEX EP Coupling, ½" PEX x ¾" PEX	25	\$2.38
Q4776363	ProPEX EP Coupling, ⅝" PEX x ⅝" PEX	10	\$3.66
Q4546363	ProPEX Brass Coupling, ⅝" PEX x ⅝" PEX	10	\$9.98
Q4777575	ProPEX EP Coupling, ¾" PEX x ¾" PEX	25	\$2.88
LF4547575	ProPEX LF Brass Coupling, ¾" PEX x ¾" PEX	25	\$6.87
Q4777510	ProPEX EP Coupling, ¾" PEX x 1" PEX	25	\$9.97
LF4547510	ProPEX LF Brass Coupling, ¾" PEX x 1" PEX	10	\$12.42
Q4771010	ProPEX EP Coupling, 1" PEX x 1" PEX	10	\$4.88
LF4541010	ProPEX LF Brass Coupling, 1" PEX x 1" PEX	10	\$9.52
Q4771307	ProPEX EP Coupling, 1¼" PEX x ¾" PEX	1	\$8.17

ProPEX couplings



\$ Price reduced

Radiant and hydronic piping systems

ProPEX couplings



Part no.	Part description	Pkg. qty.	List price/ea.
Q4771310	ProPEX EP Coupling, 1¼" PEX x 1" PEX	1	\$8.49
Q4771313	ProPEX EP Coupling, 1¼" PEX x 1¼" PEX	1	\$9.63
Q4771507	ProPEX EP Coupling, 1½" PEX x ¾" PEX	1	\$10.25
Q4771510	ProPEX EP Coupling, 1½" PEX x 1" PEX	1	\$10.57
Q4771513	ProPEX EP Coupling, 1½" PEX x 1¼" PEX	1	\$10.55
Q4771515	ProPEX EP Coupling, 1½" PEX x 1½" PEX	1	\$10.81
Q4772015	ProPEX EP Coupling, 2" PEX x 1½" PEX	1	\$36.00 \$
Q4772020	ProPEX EP Coupling, 2" PEX x 2" PEX	1	\$42.75 \$
Q4772513	ProPEX EP Coupling, 2½" PEX x 1¼" PEX	1	\$83.20
Q4772515	ProPEX EP Coupling, 2½" PEX x 1½" PEX	1	\$83.20
Q4772520	ProPEX EP Coupling, 2½" PEX x 2" PEX	1	\$83.20
Q4772525	ProPEX EP Coupling, 2½" PEX x 2½" PEX	1	\$83.20
Q4773020	ProPEX EP Coupling, 3" PEX x 2" PEX	1	\$104.00
Q4773025	ProPEX EP Coupling, 3" PEX x 2½" PEX	1	\$104.00
Q4773030	ProPEX EP Coupling, 3" PEX x 3" PEX	1	\$104.00

Radiant and hydronic piping systems


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	\$2.37
Q4710625	ProPEX Brass Elbow, 5/8" PEX x 5/8" PEX	25	\$9.49
Q4760750	ProPEX EP Elbow, 3/4" PEX x 3/4" PEX	25	\$4.31
LF4710750	ProPEX LF Brass Elbow, 3/4" PEX x 3/4" PEX	25	\$15.43
Q4761000	ProPEX EP Elbow, 1" PEX x 1" PEX	10	\$8.65
LF4711000	ProPEX LF Brass Elbow, 1" PEX x 1" PEX	10	\$16.54
Q4761250	ProPEX EP Elbow, 1 1/4" PEX x 1 1/4" PEX	1	\$16.99
Q4761500	ProPEX EP Elbow, 1 1/2" PEX x 1 1/2" PEX	1	\$22.60
Q4761515	ProPEX EP 45 Elbow, 1 1/2" PEX x 1 1/2" PEX	1	\$20.56
Q4762000	ProPEX EP Elbow, 2" PEX x 2" PEX	1	\$62.10
Q4762020	ProPEX EP 45 Elbow, 2" PEX x 2" PEX	1	\$62.10
Q4762500	ProPEX EP Elbow, 2 1/2" PEX x 2 1/2" PEX	1	\$119.60
Q4762525	ProPEX EP 45 Elbow, 2 1/2" PEX x 2 1/2" PEX	1	\$119.60
Q4763000	ProPEX EP Elbow, 3" PEX x 3" PEX	1	\$176.80
Q4763030	ProPEX EP 45 Elbow, 3" PEX x 3" PEX	1	\$176.80

ProPEX elbows



 Price reduced

Radiant and hydronic piping systems

ProPEX LF brass elbows



ProPEX LF brass elbows make 90-degree connections for ½" Uponor PEX tubing to ½" 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, ½" PEX x ½" MIP	25	\$18.51
LF4730500	ProPEX LF Brass Elbow, ½" PEX x ½" Male CU	10	\$13.54

ProPEX tees



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, ½" PEX x ½" PEX x ½" PEX	25	\$3.02
LF4705050	ProPEX LF Brass Tee, ½" PEX x ½" PEX x ½" PEX	25	\$12.91
Q4757575	ProPEX EP Tee, ¾" PEX x ¾" PEX x ¾" PEX	25	\$5.60
LF4707575	ProPEX LF Brass Tee, ¾" PEX x ¾" PEX x ¾" PEX	25	\$20.99
Q4751010	ProPEX EP Tee, 1" PEX x 1" PEX x 1" PEX	10	\$11.12
LF4701010	ProPEX LF Brass Tee, 1" PEX x 1" PEX x 1" PEX	10	\$25.23
Q4751313	ProPEX EP Tee, 1¼" PEX x 1¼" PEX x 1¼" PEX	1	\$18.97
Q4751515	ProPEX EP Tee, 1½" PEX x 1½" PEX x 1½" PEX	1	\$28.29
Q4752000	ProPEX EP Tee, 2" PEX x 2" PEX x 2" PEX	1	\$72.00 \$
Q4752500	ProPEX EP Tee, 2½" PEX x 2½" PEX x 2½" PEX	1	\$145.60
Q4753000	ProPEX EP Tee, 3" PEX x 3" PEX x 3" PEX	1	\$239.20

\$ Price reduced

Radiant and hydronic piping systems

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.

ProPEX reducing tees



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	\$4.41
Q4755555	ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 1/2" PEX	25	\$3.80
Q4755557	ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 3/4" PEX	25	\$5.22
Q4755550	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX	25	\$4.53
LF4707550	ProPEX LF Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX	25	\$20.99
Q4757563	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 5/8" PEX	10	\$6.99
Q4757710	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	10	\$18.10
LF4707710	ProPEX LF Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	10	\$31.72
Q4751775	ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	10	\$11.04
LF4701775	ProPEX LF Brass Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	10	\$25.42
Q4751751	ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	10	\$11.59
LF4701751	ProPEX LF Brass Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	10	\$25.92
Q4751150	ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	10	\$11.28
LF4701150	ProPEX LF Brass Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	10	\$25.23
Q4751175	ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	10	\$10.96
LF4701175	ProPEX LF Brass Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	10	\$25.23
Q4751317	ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 3/4" PEX	1	\$14.81
Q4751311	ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 1" PEX	1	\$17.77
Q4751350	ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 1/2" PEX	1	\$15.26
Q4751337	ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 3/4" PEX	1	\$17.83
Q4751331	ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 1" PEX	1	\$18.44
Q4751517	ProPEX EP Reducing Tee, 1 1/2" PEX x 1" PEX x 3/4" PEX	1	\$24.53
Q4751511	ProPEX EP Reducing Tee, 1 1/2" PEX x 1" PEX x 1" PEX	1	\$22.40



Price reduced

Radiant and hydronic piping systems

ProPEX reducing tees



Part no.	Part description	Pkg. qty.	List price/ea.
Q4751505	ProPEX EP Reducing Tee, 1½" PEX x 1" PEX x 1½" PEX	1	\$23.92
Q4751537	ProPEX EP Reducing Tee, 1½" PEX x 1¼" PEX x ¾" PEX	1	\$24.39
Q4751531	ProPEX EP Reducing Tee, 1½" PEX x 1¼" PEX x 1" PEX	1	\$25.27
Q4751533	ProPEX EP Reducing Tee, 1½" PEX x 1¼" PEX x 1¼" PEX	1	\$26.87
Q4751550	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x ½" PEX	1	\$23.25
Q4751557	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x ¾" PEX	1	\$25.87
Q4751551	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x 1" PEX	1	\$23.60
Q4751553	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x 1¼" PEX	1	\$25.53
Q4752575	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x ¾" PEX	1	\$75.60 \$
Q4752051	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 1" PEX	1	\$58.50 \$
Q4752053	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 1¼" PEX	1	\$71.10 \$
Q4752055	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 1½" PEX	1	\$77.22 \$
Q4752152	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 2" PEX	1	\$60.50 \$
Q4752250	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x ½" PEX	1	\$85.35 \$
Q4752275	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x ¾" PEX	1	\$86.40 \$
Q4752210	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1" PEX	1	\$63.00 \$
Q4752213	ProPEX EP Reducing Tee, 2" x 2" x 1¼"	1	\$68.41 \$
Q4752215	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1½" PEX	1	\$63.00 \$
Q4752525	ProPEX EP Reducing Tee, 2½" PEX x 2" PEX x 1½" PEX	1	\$135.20
Q4752522	ProPEX EP Reducing Tee, 2½" PEX x 2" PEX x 2" PEX	1	\$135.20
Q4752557	ProPEX EP Reducing Tee, 2½" PEX x 2½" PEX x ¾" PEX	1	\$104.00
Q4752510	ProPEX EP Reducing Tee, 2½" PEX x 2½" PEX x 1" PEX	1	\$124.80
Q4752513	ProPEX EP Reducing Tee, 2½" PEX x 2½" PEX x 1¼" PEX	1	\$135.20
Q4752515	ProPEX EP Reducing Tee, 2½" PEX x 2½" PEX x 1½" PEX	1	\$135.20
Q4752520	ProPEX EP Reducing Tee, 2½" PEX x 2½" PEX x 2" PEX	1	\$135.20
Q4753220	ProPEX EP Reducing Tee, 3" PEX x 2" PEX x 2" PEX	1	\$187.20
Q4753215	ProPEX EP Reducing Tee, 3" PEX x 2½" PEX x 1½" PEX	1	\$182.00

\$ Price reduced

Radiant and hydronic piping systems

Part no.	Part description	Pkg. qty.	List price/ea.
Q4753252	ProPEX EP Reducing Tee, 3" PEX x 2½" PEX x 2" PEX	1	\$208.00
Q4753375	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x ¾" PEX	1	\$156.00
Q4753310	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 1" PEX	1	\$156.00
Q4753313	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 1¼" PEX	1	\$166.40
Q4753315	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 1½" PEX	1	\$176.80
Q4753320	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 2" PEX	1	\$208.00
Q4753325	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 2½" PEX	1	\$228.80

ProPEX reducing tees



Radiant and hydronic piping systems

ProPEX EP opposing-port tees



ProPEX EP opposing-port tees feature 1" through 2" ProPEX flow-through connections with opposing 3/4" 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 3/4" x 3/4"	1	\$21.50
Q4801375	ProPEX EP Opposing-port Tee 1 1/4" x 1 1/4" x 3/4" x 3/4"	1	\$24.98 \$
Q4801575	ProPEX EP Opposing-port Tee 1 1/2" x 1 1/2" x 3/4" x 3/4"	1	\$41.85 \$
Q4802075	ProPEX EP Opposing-port Tee 2" x 2" x 3/4" x 3/4"	1	\$71.78 \$

ProPEX plugs



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

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

Part no.	Part description	Pkg. qty.	List price/ea.
Q4350500	ProPEX EP Plug for 1/2" PEX	25	\$1.38
Q4536363	ProPEX Brass Plug for 5/8" PEX	10	\$11.30
Q4350750	ProPEX EP Plug for 3/4" PEX	25	\$2.35
Q4351000	ProPEX EP Plug for 1" PEX	10	\$4.25
Q4351250	ProPEX EP Plug for 1 1/4" PEX	1	\$16.50
Q4351500	ProPEX EP Plug for 1 1/2" PEX	1	\$24.76
Q4352000	ProPEX EP Plug for 2" PEX	1	\$33.72

\$ Price reduced

Radiant and hydronic piping systems

ProPEX 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.

ProPEX brass male threaded adapters



Part no.	Part description	Pkg. qty.	List price/ea.
LF4523850	ProPEX LF Brass Male Threaded Adapter, 3/8" PEX x 1/2" NPT	25	\$13.86
Q5525050	ProPEX Brass Male Threaded Adapter, 1/2" PEX x 1/2" NPT	25	\$4.17
LF4525075	ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 3/4" NPT	25	\$17.86
Q4526375	ProPEX Brass Male Threaded Adapter, 5/8" PEX x 3/4" NPT	10	\$9.14
Q5527575	ProPEX Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$7.65
Q5527510	ProPEX Brass Male Threaded Adapter, 3/4" PEX x 1" NPT	10	\$15.25
Q5521075	ProPEX Brass Male Threaded Adapter, 1" PEX x 3/4" NPT	10	\$15.25
Q5521010	ProPEX Brass Male Threaded Adapter, 1" PEX x 1" NPT	10	\$17.60
Q5521313	ProPEX Brass Male Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	1	\$41.24
Q5521515	ProPEX Brass Male Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	1	\$47.45
Q5522020	ProPEX Brass Male Threaded Adapter, 2" PEX x 2" NPT	1	\$138.62
LF4522525	ProPEX LF Brass Male Threaded Adapter, 2 1/2" PEX x 2 1/2" NPT	1	\$450.50
LF4523030	ProPEX LF Brass Male Threaded Adapter, 3" PEX x 3" NPT	1	\$657.20

Radiant and hydronic piping systems

ProPEX brass female threaded adapters



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

Part no.	Part description	Pkg. qty.	List price/ea.
LF4575075	ProPEX LF Brass Female Threaded Adapter, 1/2" PEX x 3/4" NPT	25	\$22.78
Q4576375	ProPEX Brass Female Threaded Adapter, 5/8" PEX x 3/4" NPT	10	\$20.67
Q5577575	ProPEX Brass Female Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$9.70
Q5577510	ProPEX Brass Female Threaded Adapter, 3/4" PEX x 1" NPT	10	\$32.35
Q5571010	ProPEX Brass Female Threaded Adapter, 1" PEX x 1" NPT	10	\$22.12
Q5571313	ProPEX Brass Female Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	1	\$43.97
Q5571515	ProPEX Brass Female Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	1	\$73.93
Q5572020	ProPEX Brass Female Threaded Adapter, 2" PEX x 2" NPT	1	\$170.96

Radiant and hydronic piping systems

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.

ProPEX brass sweat adapters



Part no.	Part description	Pkg. qty.	List price/ea.
LF4513850	ProPEX LF Brass Sweat Adapter, 3/8" PEX x 1/2" Copper	25	\$11.52
Q5515050	ProPEX Brass Sweat Adapter, 1/2" PEX x 1/2" Copper	25	\$3.00
LF4515075	ProPEX LF Brass Sweat Adapter, 1/2" PEX x 3/4" Copper	25	\$10.36
Q4516350	ProPEX Brass Sweat Adapter, 5/8" PEX x 1/2" Copper	10	\$8.14
Q4516375	ProPEX Brass Sweat Adapter, 5/8" PEX x 3/4" Copper	10	\$6.24
Q5517550	ProPEX Brass Sweat Adapter, 3/4" PEX x 1/2" Copper	25	\$10.17
Q5517575	ProPEX Brass Sweat Adapter, 3/4" PEX x 3/4" Copper	25	\$6.72
Q5517510	ProPEX Brass Sweat Adapter, 3/4" PEX x 1" Copper	10	\$13.41
Q5511010	ProPEX Brass Sweat Adapter, 1" PEX x 1" Copper	10	\$11.48
Q5511313	ProPEX Brass Sweat Adapter, 1 1/4" PEX x 1 1/4" Copper	1	\$29.38
Q5511515	ProPEX Brass Sweat Adapter, 1 1/2" PEX x 1 1/2" Copper	1	\$43.43
Q5512020	ProPEX Brass Sweat Adapter, 2" PEX x 2" Copper	1	\$124.75
LF4512525	ProPEX LF Brass Sweat Adapter, 2 1/2" PEX x 2 1/2" Copper	1	\$386.90
LF4513030	ProPEX LF Brass Sweat Adapter, 3" PEX x 3" Copper	1	\$609.50

Radiant and hydronic piping systems

ProPEX brass fitting adapters



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.

Part no.	Part description	Pkg. qty.	List price/ea.
Q5505050	ProPEX Brass Fitting Adapter, 1/2" PEX x 1/2" Copper	25	\$2.94
LF4505075	ProPEX LF Brass Fitting Adapter, 1/2" PEX x 3/4" Copper	25	\$11.41
Q4506350	ProPEX Brass Fitting Adapter, 5/8" PEX x 1/2" Copper	10	\$9.01
Q4506375	ProPEX Brass Fitting Adapter, 5/8" PEX x 3/4" Copper	10	\$9.48
Q5507550	ProPEX Brass Fitting Adapter, 3/4" PEX x 1/2" Copper	25	\$8.55
Q5507575	ProPEX Brass Fitting Adapter, 3/4" PEX x 3/4" Copper	25	\$6.26
Q5507510	ProPEX Brass Fitting Adapter, 3/4" PEX x 1" Copper	10	\$13.86
Q5501010	ProPEX Brass Fitting Adapter, 1" PEX x 1" Copper	10	\$11.24
Q5501313	ProPEX Brass Fitting Adapter, 1 1/4" PEX x 1 1/4" Copper	1	\$27.00
Q5501515	ProPEX Brass Fitting Adapter, 1 1/2" PEX x 1 1/2" Copper	1	\$43.20
Q5502020	ProPEX Brass Fitting Adapter, 2" PEX x 2" Copper	1	\$124.75

Radiant and hydronic piping systems

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 Groove Fitting Adapter, 2" PEX LF Brass x 2" CTS Groove	1	\$95.72
LFV2962025	ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2½" CTS Groove	1	\$96.83
LFV2962525	ProPEX LF Groove Fitting Adapter, 2½" PEX LF Brass x 2½" CTS Groove	1	\$144.69
LFV2963030	ProPEX LF Groove Fitting Adapter, 3" PEX LF Brass x 3" CTS Groove	1	\$211.47

ProPEX LF Brass CPVC Spigot Adapter Kit



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 Groove Fitting Adapter, 2" PEX LF Brass x 2" IPS Groove	1	\$95.72
LFV2972025	ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2½" IPS Groove	1	\$96.83
LFV2972520	ProPEX LF Groove Fitting Adapter, 2½" PEX LF Brass x 2" IPS Groove	1	\$142.46
LFV2972525	ProPEX LF Groove Fitting Adapter, 2½" PEX LF Brass x 2½" IPS Groove	1	\$144.69
LFV2972530	ProPEX LF Groove Fitting Adapter, 2½" PEX LF Brass x 3" IPS Groove	1	\$183.65
LFV2973025	ProPEX LF Groove Fitting Adapter, 3" PEX LF Brass x 2½" IPS Groove	1	\$194.78
LFV2973030	ProPEX LF Groove Fitting Adapter, 3" PEX LF Brass x 3" IPS Groove	1	\$211.47

ProPEX LF Brass CPVC Spigot Adapter Kit



Radiant and hydronic piping systems

ProPEX LF brass CPVC spigot adapters



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, 1/4" PEX x 1/4" CPVC (CTS)	1	\$53.00
CP4501515	ProPEX LF Brass x CPVC Spigot Adapter, 1/2" PEX x 1/2" CPVC (CTS)	1	\$68.90
CP4502020	ProPEX LF Brass x CPVC Spigot Adapter, 2" PEX x 2" CPVC (CTS)	1	\$106.00

ProPEX LF brass CPVC socket 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, 1/4" PEX x 1/4" CPVC (CTS)	1	\$53.00
CP4511515	ProPEX LF Brass x CPVC Socket Adapter, 1/2" PEX x 1/2" CPVC (CTS)	1	\$68.90
CP4512020	ProPEX LF Brass x CPVC Socket Adapter, 2" PEX x 2" CPVC (CTS)	1	\$106.00

ProPEX LF Brass CPVC Spigot Adapter Kit





ProPEX LF Brass CPVC Spigot Adapter Kit transitions Uponor PEX pipe to CPVC copper tube size (CTS) or iron pipe size (IPS) fittings for use in hot and cold domestic potable-water systems and hydronic radiant heating and cooling systems.


Part no.	Part description	Pkg. qty.	List price/ea.
CP4501300	ProPEX LF Brass x CPVC Spigot Adapter Kit, 1/4" PEX x 1/4" CPVC (IPS or CTS)	1	\$61.11
CP4501500	ProPEX LF Brass x CPVC Spigot Adapter Kit, 1/2" PEX x 1/2" CPVC (IPS or CTS)	1	\$79.13
CP4502000	ProPEX LF Brass x CPVC Spigot Adapter Kit, 2" PEX x 2" CPVC (IPS or CTS)	1	\$116.76

ProPEX LF brass flange adapter kits



ProPEX LF brass flange adapter kits are available for 2 1/2" 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, 2 1/2" PEX (150 lb.)	1	\$412.30 
LF2983030	ProPEX LF Brass Flange Adapter Kit, 3" PEX (150 lb.)	1	\$556.50 

 Price reduced

Radiant and hydronic piping systems

Tube transition fittings

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	\$12.94
A4322525	QS-style Coupling Nipple, R25 x R25 (for $\frac{3}{4}$ " and $\frac{5}{8}$ " tubing only)	10	\$24.46

QS-style coupling 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	\$15.47
A4322075	QS-style Conversion Nipple, R20 x $\frac{3}{4}$ " NPT	10	\$15.66
A4322575	QS-style Conversion Nipple, R25 x $\frac{3}{4}$ " NPT (for $\frac{3}{4}$ " tubing only)	10	\$20.86

QS-style conversion nipples



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	\$12.80
A4332075	QS-style Copper Adapter, R20 x $\frac{3}{4}$ " Copper	10	\$13.60
A4332575	QS-style Copper Adapter, R25 x $\frac{3}{4}$ " Copper (for $\frac{3}{4}$ " and $\frac{5}{8}$ " tubing only)	10	\$25.40

QS-style copper 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	\$12.78
A4342075	QS-style Copper Fitting Adapter, R20 x $\frac{3}{4}$ " Copper	10	\$13.00
A4342575	QS-style Copper Fitting Adapter, R25 X $\frac{3}{4}$ " Copper (for $\frac{3}{4}$ " and $\frac{5}{8}$ " tubing only)	10	\$24.60
A4342510	QS-style Copper Fitting Adapter, R25 X 1" Copper (for $\frac{3}{4}$ " and $\frac{5}{8}$ " tubing only)	10	\$12.72

QS-style copper fitting adapters



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 85-86**. EP couplings are suitable for direct burial.

Part no.	Part description	Pkg. qty.	List price/ea.
A4010313	$\frac{5}{16}$ " Repair Coupling	10	\$38.47

Repair couplings



Radiant and hydronic piping systems

Baseboard fittings

QS-style baseboard elbows and tees



QS-style brass baseboard elbows connect 1/2", 5/8" and 3/4" Uponor PEX tubing to 3/4" copper baseboard with the appropriate QS-style fitting assembly.

Note: QS-style fitting assembly is required.

Part no.	Part description	Pkg. qty.	List price/ea.
A4382075	QS-style Baseboard Elbow, R20 X 3/4" Copper Adapter	10	\$16.20
A4372075	QS-style Baseboard Elbow, R20 x 3/4" Copper Fitting Adapter	10	\$27.40

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



Part no.	Part description	Pkg. qty.	List price/ea.
A4392075	QS-style Baseboard Tee, R20 x 3/4" Copper Adapter	10	\$25.40

ProPEX baseboard elbows and tees



ProPEX brass baseboard elbows connect 1/2", 5/8" and 3/4" Uponor PEX tubing products to 3/4" copper baseboard.

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

Part no.	Part description	Pkg. qty.	List price/ea.
Q4385075	ProPEX Baseboard Elbow, 1/2" PEX x 3/4" Copper Adapter	10	\$15.20
Q4386375	ProPEX Baseboard Elbow, 5/8" PEX x 3/4" Copper Adapter	10	\$15.20
Q4387575	ProPEX Baseboard Elbow, 3/4" PEX x 3/4" Copper Adapter	10	\$13.13
Q4375075	ProPEX Baseboard Elbow, 1/2" PEX x 3/4" Copper Fitting Adapter	10	\$9.48
Q4376375	ProPEX Baseboard Elbow, 5/8" PEX x 3/4" Copper Fitting Adapter	10	\$10.34
Q4377575	ProPEX Baseboard Elbow, 3/4" PEX x 3/4" Copper Fitting Adapter	10	\$11.20

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



Part no.	Part description	Pkg. qty.	List price/ea.
Q4395075	ProPEX Baseboard Tee, 1/2" PEX x 3/4" Copper Adapter with 1/8" vent tapping	10	\$20.39
Q4396375	ProPEX Baseboard Tee, 5/8" PEX x 3/4" Copper Adapter with 1/8" vent tapping	10	\$20.86
Q4397575	ProPEX Baseboard Tee, 3/4" PEX x 3/4" Copper Adapter with 1/8" vent tapping	10	\$18.60

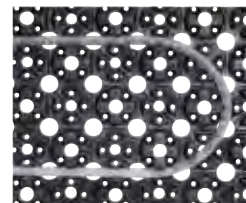
Radiant and hydronic piping systems

Heat-transfer panels and plates

Fast Trak™ is the ideal overpour installation method for remodel and retrofit applications. The preformed knobby 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 ⅝" or ½" PEX tubing and includes insulation already in the mat, eliminating the added time and cost of installing insulation under the tubing. Fast Trak edge strips are required to prevent overpour from seeping under the panels and to protect the surrounding substructure from moisture damage and expansion forces.

Part no.	Part description	Panel coverage	Pkg. qty.	List price/ea.
A5090313	Fast Trak 0.5	8.3 ft²/panel	20	\$27.88
A5090500	Fast Trak 1.3i	12.1 ft²/panel	18	\$33.05
A5091000	Fast Trak Edge Strip, 65-ft. roll		10	\$36.85

Fast Trak™

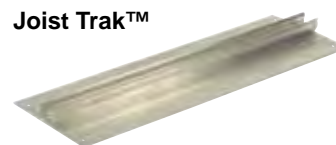


Joist Trak™ extruded aluminum heat transfer panels use ⅝" or ½" Uponor PEX in floor joist applications. Each panel is 4' x 3½" and comes packaged 20 per box. They provide easy installation, increased heat transfer and superior comfort.

Note: Screws not included.

Part no.	Part description	Pkg. qty.	List price/ea.
A5080375	Joist Trak, ⅝" Heat Transfer Panel	20	\$16.79
A5080500	Joist Trak, ½" Heat Transfer Panel	20	\$19.07

Joist 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	\$17.37
A5060761	Quik Trak 7" x 48" x 6 Panels (fully assembled set)	1	\$120.77

Quik Trak®



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.

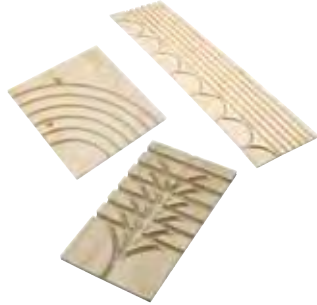
Part no.	Part description	Pkg. qty.	List price/ea.
A5060702	Quik Trak 7" x 48" Return Panels	10	\$25.82

Quik Trak return panels



Radiant and hydronic piping systems

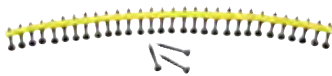
Quik Trak combo panels



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 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	\$55.48
A5060722	Quik Trak 12" x 12" Combo 90, 6 runs	5	\$14.90
A5060732	Quik Trak 7" x 12" Combo Access Panel, 6 runs with 1 access	6	\$14.58

Quik Trak screws



The 1 1/4" screws are designed specifically for Quik Trak installations using 3/4" subfloors.

Part no.	Part description	Pkg. qty.	List price/ea.
E6051250	Quik Trak Screws (1 1/4"), 2,500/pkg.	1	\$263.60

Quik Trak sealants



Quik Trak sealants are 100% silicone and provide good thermal transfer. Use to adhere 5/16" Wirsbo hePEX tubing in the Quik Trak groove.

Part no.	Part description	Pkg. qty.	List price/ea.
E6050010	Quik Trak Sealant, 10.3 fluid oz. (300 ml)	24	\$16.75

Quik Trak installation tool kits



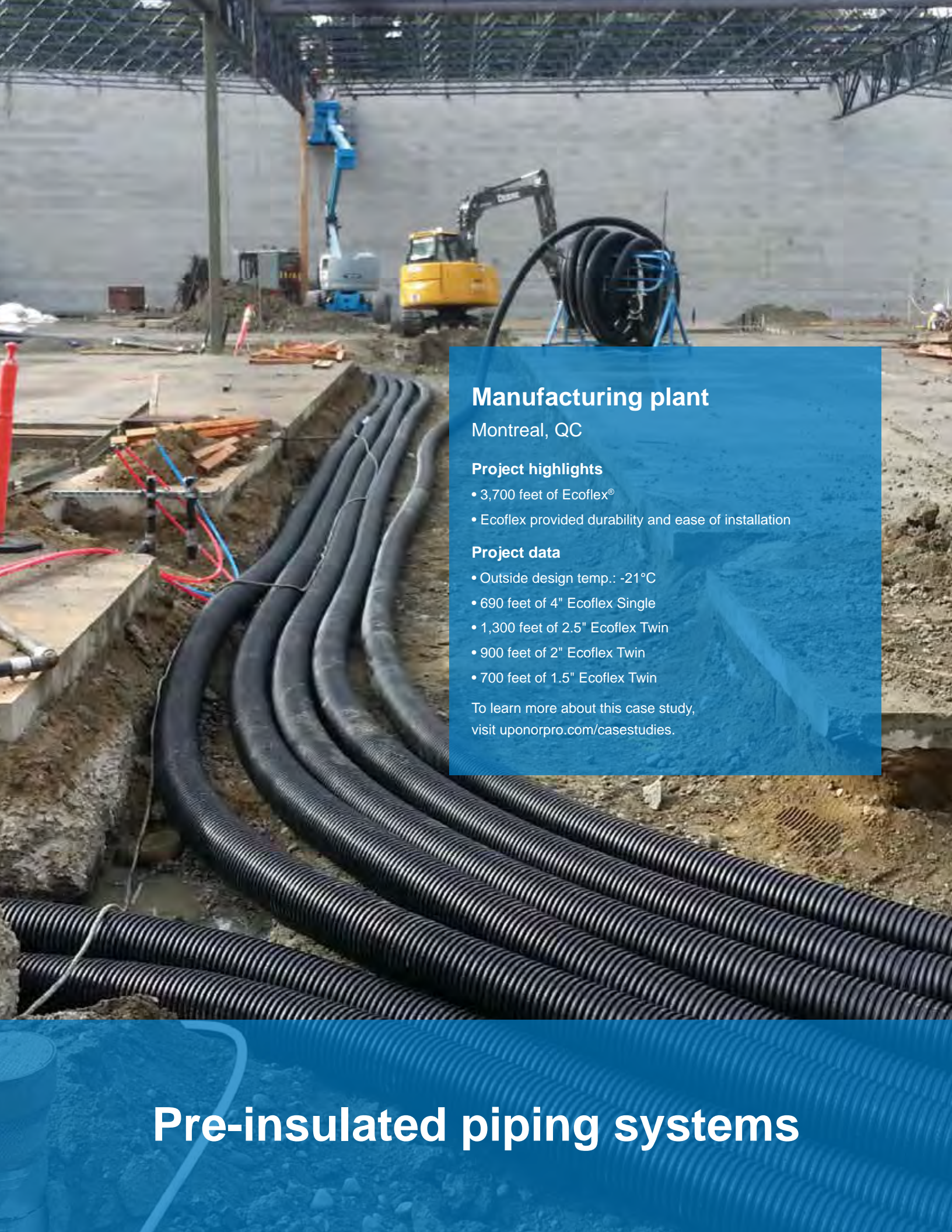
Quik Trak installation tool kits offer labor-saving speed for Quik Trak installations. The kits feature a lightweight, easy-to-use screw gun with an extension arm to reduce fatigue. The kits include a 120VAC screw gun with vertical extension arm, square-head drive screw bits, bit-retrieval tool and hard-sided case.

Part no.	Part description	Pkg. qty.	List price/ea.
E6050000	Quik Trak Installation Tool Kit	1	\$1,306.70
E6050005	Quik Drive Bits (set of 3 square drive bits)	1	\$31.74

Tools and accessories

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

- Tube uncoilers: **page 123**
- Tube cutters: **page 124**
- ProPEX fittings accessories: **page 124**
- ProPEX tools and accessories: **pages 125-126**
- Other tools: **page 126**
- Tubing supports: **pages 127-128**
- Fasteners, fastener tools and protectors: **pages 129-132**



Manufacturing plant

Montreal, QC

Project highlights

- 3,700 feet of Ecoflex®
- Ecoflex provided durability and ease of installation

Project data

- Outside design temp.: -21°C
- 690 feet of 4" Ecoflex Single
- 1,300 feet of 2.5" Ecoflex Twin
- 900 feet of 2" Ecoflex Twin
- 700 feet of 1.5" Ecoflex Twin

To learn more about this case study, visit 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 888.994.7726 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
 - Tracer wiring
- Alternative applications-based products
 - Biomass/biogas
 - Geothermal
 - Mining, oil and gas industries
 - District energy
 - Chilled water

For general terms and conditions

British Columbia and Alberta contact:

Isonor Inc.
639-5 Avenue SW Suite 100
P.O. Box 1821 Calgary Central
Calgary, AB T2P 1A0
866.770.7071

Saskatchewan and Manitoba contact:

Midwest Distributors
510 Ave. M South
Saskatoon, SK S7M 2K9
306.244.6622

Eastern Canada contact:

Isonor Inc.
7076 Regional Road 44
Spencerville, ON K0E 1X0
866.770.7071

Ecoflex uncoilers

Ecoflex uncoilers are available to lease for qualified orders. Contact your Uponor representative 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	\$10.01	75" x 31"	1,000'	\$10,010.00
5012710	1" Thermal Single with 2.7" Jacket, 1,000-ft. coil	\$11.41	75" x 31"	1,000'	\$11,410.00
5015510	1" Thermal Single with 5.5" Jacket, 600-ft. coil	\$30.82	83" x 53"	600'	\$18,492.00
5015513	1¼" Thermal Single with 5.5" Jacket, 500-ft. coil	\$33.37	83" x 44"	500'	\$16,685.00
5016915	1½" Thermal Single with 6.9" Jacket, 300-ft. coil	\$48.91	78" x 49"	300'	\$14,673.00
5016920	2" Thermal Single with 6.9" Jacket, 300-ft. coil	\$56.72	78" x 49"	300'	\$17,016.00
5016925	2½" Thermal Single with 6.9" Jacket, 300-ft. coil	\$61.99	78" x 49"	300'	\$18,597.00
5017930	3" Thermal Single with 7.9" Jacket, 300-ft. coil	\$80.43	84" x 53"	300'	\$24,129.00
5017935	3½" Thermal Single with 7.9" Jacket, 300-ft. coil	\$92.11	84" x 53"	300'	\$27,633.00
5017940	4" Thermal Single with 7.9" Jacket, 300-ft. coil	\$101.68	86" x 53"	300'	\$30,504.00

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	\$39.25	93" x 64"	600'	\$23,550.00
5025513	1¼" Thermal Twin Jr. with 5.5" Jacket, 600-ft. coil	\$20.87	83" x 55"	600'	\$12,522.00
5026913	1¼" Thermal Twin with 6.9" Jacket, 500-ft. coil	\$44.92	93" x 53"	500'	\$22,460.00
5026915	1½" Thermal Twin with 6.9" Jacket, 300-ft. coil	\$55.58	78" x 49"	300'	\$16,674.00
5027920	2" Thermal Twin with 7.9" Jacket, 300-ft. coil	\$80.35	84" x 53"	300'	\$24,105.00
5027925	2½" Thermal Twin with 7.9" Jacket, 300-ft. coil	\$101.33	84" x 53"	300'	\$30,399.00

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 (60°C) at 80psi
- 120°F (48.9°C) at 101psi
- 100°F (37.8°C) at 125psi
- 73°F (22.8°C) 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	\$32.93	72" x 42"	300'	\$9,879.00
5115515	1½" Potable HDPE with 5.5" Jacket, 300-ft. coil	\$34.86	72" x 42"	300'	\$10,458.00
5115520	2" Potable HDPE with 5.5" Jacket, 300-ft. coil	\$40.66	72" x 42"	300'	\$12,198.00
5116930	3" Potable HDPE with 6.9" Jacket, 300-ft. coil	\$57.70	78" x 49"	300'	\$17,310.00
5117940	4" Potable HDPE with 7.9" Jacket, 300-ft. coil	\$76.04	86" x 53"	300'	\$22,812.00

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	\$10.01	75" x 31"	1,000'	\$10,010.00
5212710	1" Potable PEX with 2.7" Jacket, 1,000-ft. coil	\$11.41	75" x 31"	1,000'	\$11,410.00
5215510	1" Potable PEX with 5.5" Jacket, 600-ft. coil	\$30.82	83" x 53"	600'	\$18,492.00
5215513	1¼" Potable PEX with 5.5" Jacket, 500-ft. coil	\$33.37	83" x 53"	500'	\$16,685.00
5216915	1½" Potable PEX with 6.9" Jacket, 300-ft. coil	\$48.91	78" x 49"	300'	\$14,673.00
5216920	2" Potable PEX with 6.9" Jacket, 300-ft. coil	\$55.58	78" x 49"	300'	\$16,674.00
5217930	3" Potable PEX with 7.9" Jacket, 300-ft. coil	\$76.30	84" x 53"	300'	\$22,890.00

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	\$39.25	93" x 64"	600'	\$23,550.00
5226913	1¼" Potable PEX Twin with 6.9" Jacket, 500-ft. coil	\$44.92	93" x 53"	500'	\$22,460.00
5226915	1½" Potable PEX Twin with 6.9" Jacket, 300-ft. coil	\$55.58	78" x 49"	300'	\$16,674.00
5227920	2" Potable PEX Twin with 7.9" Jacket, 300-ft. coil	\$80.35	86" x 53"	300'	\$24,105.00

Ecoflex potable PEX twin pipes



Ecoflex Potable 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 5W/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 tubing is surrounded by multi-layer, closed-cell, PEX-foam insulation and a water-resistant, corrugated HDPE jacket, making it ideal for direct-burial applications.

Note: Use ProPEX Fittings.

Codes and Standards:

Codes: UPC, IPC, NSPC, NPC of Canada, National Electrical Code, Canadian Electrical Code part 1

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	1¼" Potable PEX Plus with 5.5" Jacket, 5 W/ft. 240VAC	\$51.77	83" x 46"	300'	\$15,531.00

Ecoflex potable PEX plus pipes



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



Pre-insulated Wirsbo hePEX is available on a made-to-order basis. Contact Uponor Customer Service at 888.994.7726 for availability and pricing.

Part no.	Part description	Coils/pallet	List price/ea.
A6140500	½" Pre-insulated Wirsbo hePEX with ½" insulation, 100-ft. coil	7	\$394.92
A6140750	¾" Pre-insulated Wirsbo hePEX with ½" insulation, 100-ft. coil	7	\$478.07
A6141000	1" Pre-insulated Wirsbo hePEX with ½" insulation, 100-ft. coil	2	\$581.56
A6141250	1¼" Pre-insulated Wirsbo hePEX with ½" insulation, 100-ft. coil	2	\$893.78
◀ A6141500	1½" Pre-insulated Wirsbo hePEX with ½" insulation, 100-ft. coil	2	\$1,097.22
◀ A6142000	2" Pre-insulated Wirsbo hePEX with ½" insulation, 100-ft. coil	2	\$1,590.70
A6150500	½" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil	2	\$602.98
A6150750	¾" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil	2	\$696.32
A6151000	1" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil	2	\$857.40
A6151250	1¼" Pre-insulated Wirsbo hePEX with 1" insulation, 100-ft. coil	2	\$1,169.18
A6160500	½" Pre-insulated Wirsbo hePEX with 1½" insulation, 100-ft. coil	2	\$810.63
A6160750	¾" Pre-insulated Wirsbo hePEX with 1½" insulation, 100-ft. coil	2	\$982.11
A6161000	1" Pre-insulated Wirsbo hePEX with 1½" insulation, 100-ft. coil	2	\$1,148.39
A6161250	1¼" Pre-insulated Wirsbo hePEX with 1½" insulation, 100-ft. coil	2	\$1,491.36
A6161500	1½" Pre-insulated Wirsbo hePEX with 1½" insulation, 75-ft. coil	2	\$1,374.14
A6162000	2" Pre-insulated Wirsbo hePEX with 1½" insulation, 75-ft. coil	2	\$1,677.32
A6171500	1½" Pre-insulated Wirsbo hePEX with 2" insulation, 50-ft. coil	2	\$1,094.59
A6172000	2" Pre-insulated Wirsbo hePEX with 2" insulation, 50-ft. coil	2	\$1,401.71

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.994.7726 for availability. All sales are final. See the alphanumeric on pages 135-161 for a listing of alternative part numbers.

Pre-insulated piping systems

Uponor Pre-insulated AquaPEX with 1" and 1½" insulation are available on a made-to-order basis. Contact Uponor Customer Service at 888.994.7726 for availability and pricing.

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	\$432.59
F6150500	½" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	7	\$495.44
F6040750	¾" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	7	\$514.78
F6150750	¾" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	2	\$591.17
F6041000	1" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	2	\$622.47
F6151000	1" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	2	\$719.89
F6041250	1¼" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	2	\$982.75
F6151250	1¼" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	2	\$1,010.71
◀ F6041500	1½" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	2	\$1,117.28
F6161500	1½" Pre-insulated Uponor AquaPEX with 1½" insulation, 75-ft. coil	2	\$1,115.59
◀ F6042000	2" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	2	\$1,943.27
F6162000	2" Pre-insulated Uponor AquaPEX with 1½" insulation, 75-ft. coil	2	\$1,348.00

Pre-insulated Uponor AquaPEX straight lengths



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	\$982.75
◀ F6921500	1½" Pre-insulated Uponor AquaPEX with ½" insulation, 20-ft. straight length, 100 ft.	4	\$1,117.28
◀ F6922000	2" Pre-insulated Uponor AquaPEX with ½" insulation, 20-ft. straight length, 100 ft.	4	\$1,943.27

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.994.7726 for availability. All sales are final. See the alphanumeric on pages 135-161 for a listing of alternative part numbers.

Pre-insulated piping systems

Fittings

WIPEX fittings



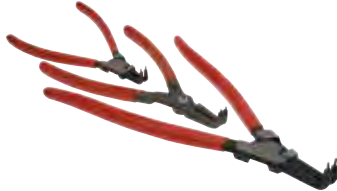
WIPEX dezincification-resistant (DZR) compression fittings transition PEX service pipe to a male NPT thread for a watertight, leak-resistant system.

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	\$91.92
5550013	WIPEX Fitting 1¼" PEX x 1¼" NPT	1	\$100.29
5550015	WIPEX Fitting 1½" PEX x 1½" NPT	1	\$132.69
5550020	WIPEX Fitting 2" PEX x 2" NPT	1	\$178.13
5550025	WIPEX Fitting 2½" x 2" NPT	1	\$133.86
5550030	WIPEX Fitting 3" x 2½" NPT	1	\$214.04
5550035	WIPEX Fitting 3½" x 3" NPT	1	\$277.13
5550040	WIPEX Fitting 4" x 4" NPT	1	\$369.67

WIPEX sleeve pliers



WIPEX sleeve pliers quickly and easily install Uponor's WIPEX fittings.

Part no.	Part description	Pkg. qty.	List price/ea.
5550101	WIPEX Sleeve Pliers 1"-1½"	1	\$149.73
5550102	WIPEX Sleeve Pliers 1½"-3½"	1	\$169.84
5550103	WIPEX Sleeve Pliers 3½"-4"	1	\$270.42

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	\$73.76
5855513	End Cap, 1" and 1¼" PEX Pipe with 5.5" Jacket	1	\$124.34
5855520	End Cap, 1¼", 1½" and 2" HDPE Pipe with 5.5" Jacket	1	\$128.55
5856930	End Cap, 1½", 2", 2½" PEX and 3" HDPE Pipe with 6.9" Jacket	1	\$151.82
5857940	End Cap 3, 3½, 4" PEX and 4" HDPE pipe, 7.9" Jacket	1	\$165.87

Pre-insulated piping systems

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

Twin EPDM rubber end caps

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	\$122.43
5956915	Twin End Cap, 1", 1¼" and 1½" PEX Pipe with 6.9" Jacket	1	\$188.25
5957925	Twin End Cap, 2" and 2½" PEX Pipe with 7.9" Jacket	1	\$235.06



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.

Connection vaults

Part no.	Part description	Pkg. qty.	List price/ea.
1018326	Ecoflex Connection Vault, 6 outlet	1	\$3,301.65
1018327	Ecoflex Connection Vault, 8 outlet	1	\$4,195.13



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.

Shrink sleeves for connection vaults

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	\$132.77
1018380	Vault Shrink Sleeve for 6.9" Jacket	1	\$142.86
1018381	Vault Shrink Sleeve for 7.9" Jacket	1	\$146.74



Uponor shrinkable tape repairs minor damage to the corrugated HPDE jacket of Ecoflex pipe.

Shrinkable repair tape

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 9" x 9' roll	1	\$216.93



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	\$1,062.51

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	\$1,134.50

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	\$1,262.71

Pre-insulated piping systems

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	\$2,128.52

H-insulation kits



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	\$81.95

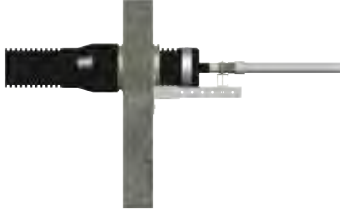
Reducer bushings



Pre-insulated piping systems

Wall-penetration accessories

Wall sleeves with heat shrink seal kits



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	\$141.96
1018269	Wall Sleeve with Heat Shrink for 5.5" Jacket	1	\$306.57
1018268	Wall Sleeve with Heat Shrink for 6.9" and 7.9" Jackets	1	\$415.44

Compression wall seals



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	\$553.20
1007360	Compression Wall Seal for 5.5" Jacket	8"	1	\$609.58
1007361	Compression Wall Seal for 6.9" Jacket	10"	1	\$685.62
1007362	Compression Wall Seal for 7.9" Jacket	10"	1	\$732.24

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 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 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 123**
- Tube cutters: **page 124**
- ProPEX fittings accessories: **page 124**
- ProPEX tools and accessories: **pages 125-126**
- Other tools: **page 126**
- Tubing supports: **pages 127-128**
- Fasteners, fastener tools and protectors: **pages 129-132**

Tube uncoilers

Select uncoilers facilitate the uncoiling of $\frac{5}{16}$ " to 1" Uponor PEX. 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.

Part no.	Part description	Pkg. qty.	List price/ea.
E6062000	Select Uncoiler	1	\$2,347.64

Select uncoilers



Tube uncoilers facilitate the uncoiling of $\frac{5}{16}$ " 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	\$648.20

Tube uncoilers



Tube handling

Tube cutters

Tube cutters

Metal tube cutters cut up to 1" PEX tubing. Plastic tube cutters cut up to 1" PEX.



Part no.	Part description	Pkg. qty.	List price/ea.
E6081125	Tube Cutter (metal) for up to 1" PEX	1	\$63.47
E6081140	Tube Cutter Replacement Blade for E6081125, spare part	1	\$22.99
E6081128	Tube Cutter (plastic) for up to 1" PEX	1	\$55.51
E6081143	Tube Cutter Replacement Blade for E6081128, spare part	1	\$32.23

Ratchet-style tube cutters

Ratchet-style PEX tube cutters cut up to 1" PEX. Ratchet-style large-dimension tube cutters cut 1" to 2" PEX.



Part no.	Part description	Pkg. qty.	List price/ea.
E6081501	Ratchet-style Tube Cutter for up to 1", PEX	1	\$62.28
E6081545	Tube Cutter Replacement Blade for E6081501, spare part	1	\$22.06
E6081544	Tube Cutter Replacement Blade for E6081500, spare part	1	\$22.49
E6082000	Ratchet-style Large Dimension Tube Cutter for 1" to 2" PEX	1	\$409.98
E6082001	Tube Cutter Replacement Blade for E6082000, spare part	1	\$108.04
E6083000	Ratchet-style PEX Pipe Cutter, up to 3"	1	\$662.50
E6083001	Tube Cutter Replacement Blade for E6083000, spare part	1	\$339.20

Swing-style pipe cutters

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



Part no.	Part description	List price/ea.
E6084000	Swing-style PEX Pipe Cutter, up to 4"	\$503.50
E6084001	Tube Cutter Replacement Blade for E6084000, spare part	\$74.20

ProPEX fittings accessories

S-hooks

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



Part no.	Part description	List price/ea.
E6113000	S-hook for ProPEX fittings	\$26.50

ProPEX tools and accessories

The Milwaukee® M12™ ProPEX Expansion Tool offers continuous expansions for maximum install speed, has a compact, right-angle design for use in tight spaces, and features an auto-rotating head for convenient, single-handed operation for expanding 3/8" to 1" tubing sizes. The kit includes the Milwaukee M12 ProPEX Expansion tool; two (2) M12 lithium-ion batteries; a 30-minute charger; 1/2", 3/4" and 1" expansion heads; grease; and a carrying case. 3/8" and 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 800.268.4015 or visiting www.milwaukeetool.ca and entering "ProPEX" in the search window.

Model no.	Part description	Retail price
2432-20	Milwaukee M12 ProPEX Expansion Tool	Contact your Milwaukee distributor
2432-22XC	Milwaukee M12 ProPEX Expansion Tool Kit	Contact your Milwaukee distributor

Milwaukee® M12™ ProPEX Expansion Tool



The Milwaukee M18™ ProPEX Expansion Tool offers continuous expansions for maximum install speed, has magnesium construction for jobsite durability, and features an auto-rotating head for convenient, single-handed operation for expanding 3/8" to 1 1/2" tubing sizes. The kit includes the Milwaukee M18 ProPEX Expansion tool; two (2) M18 XC lithium-ion batteries; a 30-minute charger; 1", 1 1/4" and 1 1/2" expansion heads; grease; and a carrying case.

Note: All standard Uponor Expander Heads are compatible with the M12 and M18 tools. Uponor expander heads will not auto-rotate on the Milwaukee tools (only Milwaukee expansion heads will auto-rotate on the M12 and M18). H-heads are not compatible with Milwaukee tools and Milwaukee heads are not compatible with Uponor tools. Milwaukee heads are easily distinguished by color coding and the Milwaukee logo.

Purchase Milwaukee ProPEX Expansion Tools for use with Uponor systems by contacting Milwaukee at 800.268.4015 or visiting www.milwaukeetool.ca and entering "ProPEX" in the search window.

Model no.	Part description	Retail price
2632-20	Milwaukee M18 ProPEX Expansion Tool	Contact your Milwaukee distributor
2632-22XC	Milwaukee M18 ProPEX Expansion Tool	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 tool was 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 9.0 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.

The M18™ FORCE LOGIC™ 2" – 3" ProPEX® Expansion Tool is also compatible with Milwaukee's ONE-KEY™ digital platform, delivering Integrated Tool Tracking & Security, Service Reporting, and Simplified Tool and Equipment Management. This product feature allows users to protect their investment as well as increase their productivity.

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 www.milwaukeetool.ca and entering "ProPEX" in the search window.

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

Other tools

Service wrenches



Service wrenches feature a lightweight, compact design. Use the 1½" Service Wrench to tighten QS-style fitting assemblies to the manifolds. Use the TruFLOW Service Wrench, 46mm (1⅞") to tighten manifold union nuts.

Part no.	Part description	Pkg. qty.	List price/ea.
E6111188	1½" Service Wrench	1	\$75.93
E6110046	TruFLOW Service Wrench, 46mm (1⅞")	1	\$186.83

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	\$1,306.70
E6050005	Quik Drive Bits (set of 3 square drive bits)	1	\$31.74

Tubing supports

Uponor PEX-a Pipe Support is available in ½", ¾", 1", 1¼", 1½", 2", 2½", 3" and 3½" sizes for suspended piping applications in commercial plumbing and hydronic distribution systems, enabling hanger spacing to that of copper.

Part no.	Part description	Pkg. qty.	List price/ea.
F7040500	½" PEX-a Pipe Support, 9-ft. length	5	\$18.11
F7040750	¾" PEX-a Pipe Support, 9-ft. length	5	\$23.03
F7041000	1" PEX-a Pipe Support, 9-ft. Length	5	\$25.33
F7041250	1¼" PEX-a Pipe Support, 9-ft. Length	5	\$29.17
F7041500	1½" PEX-a Pipe Support, 9-ft. Length	5	\$34.87
F7042000	2" PEX-a Pipe Support, 9-ft. Length	5	\$38.32
F7042500	2½" PEX-a Pipe Support, 9-ft. Length	5	\$49.34
F7043000	3" PEX-a Pipe Support, 9-ft. Length	5	\$52.74
F7043500	3½" PEX-a Pipe Support, 9-ft. Length	5	\$56.76
Q7410510	PEX-a Pipe Support Strapping for ½", ¾" and 1" PEX	100	\$1.17
Q7411220	PEX-a Pipe Support Strapping for 1¼", 1½" and 2" PEX	100	\$2.01
Q7412540	PEX-a Pipe Support Strapping for 2½", 3", 3½" PEX	100	\$3.39

PEX-a Pipe Support



Plastic bend supports (glass-reinforced nylon) provide a rigid, 90-degree bend and sleeve for ⅜", ½" and ¾" Uponor PEX tubing. The ½" bend support works with PEX wall support brackets (A5750500).

Part no.	Part description	Pkg. qty.	List price/ea.
A5150375	⅜" Plastic Bend Support	25	\$2.73
A5250500	½" Plastic Bend Support	25	\$3.20
A5150750	¾" Plastic Bend Support	50	\$5.79

Plastic bend supports



Metal bend supports (zinc-plated) provide a rigid, 90-degree bend for ⅜", ½", ⅝" and ¾" Uponor PEX tubing.

Part no.	Part description	Pkg. qty.	List price/ea.
A5110375	⅜" Metal Bend Support	50	\$4.86
A5110500	½" Metal Bend Support	50	\$5.94
A5110625	⅝" Metal Bend Support	50	\$5.90
A5110750	¾" Metal Bend Support	25	\$19.22

Metal bend supports



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 ⅜" or ½" Uponor PEX tubing.

Part no.	Part description	Pkg. qty.	List price/ea.
F5200375	⅜" Plastic Drop Ear Bend Support	25	\$4.48
F5200500	½" Plastic Drop Ear Bend Support	25	\$4.56

Plastic drop ear bend supports



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	\$11.15
F5120500	$\frac{1}{2}$ " Metal Drop Ear Bend Support	25	\$11.37

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	\$3.84
A5500625	1" PVC Elbow for $\frac{5}{8}$ " PEX Bend Support	25	\$4.83
A5500750	1 $\frac{1}{4}$ " PVC Elbow for $\frac{3}{4}$ " PEX Bend Support	20	\$8.94
A5501000	1 $\frac{1}{2}$ " PVC Elbow for 1" PEX Bend Support	25	\$11.93

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	\$13.58

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	\$9.23
A5250500	$\frac{1}{2}$ " Plastic Bend Support	25	\$3.20

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	\$13.58
F5805000	Five-tube PEX Stand-up Bracket for $\frac{1}{2}$ " PEX	16	\$67.10

Fasteners and fastener tools

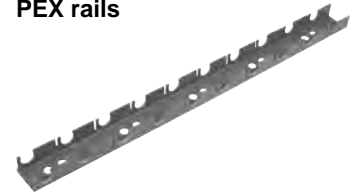
Fasteners and fastener tools

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	1/2" PEX Rail, 6.5 ft.	16	\$12.90
A5700625	5/8" PEX Rail, 6.5 ft.	16	\$13.31
A5700750	3/4" PEX Rail, 6.5 ft.	16	\$21.31

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	1/2" Protective Tubing Cap	50	\$0.73
F4350625	5/8" Protective Tubing Cap	50	\$0.65
F4350750	3/4" Protective Tubing Cap	50	\$1.45
F4351000	1" Protective Tubing Cap	50	\$1.60

Protective tubing caps



PEX clips provide excellent holding power. The 3/8" and 1/2" 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	3/8" PEX Clip, 100/pkg.	1	\$132.32
F7051258	1/2" PEX Clip, 100/pkg.	1	\$200.75
F7057500	3/4" PEX Clip, 100/pkg.	1	\$354.81
F7051001	1" PEX Clip, 50/pkg.	1	\$231.25

PEX clips



Tube talons secure 3/8", 1/2", 5/8", 3/4" and 1" Uponor PEX tubing products. Fasteners are included.

Part no.	Part description	Pkg. qty.	List price/ea.
F7050375	Tube Talon (3/8" PEX), 100/pkg.	1	\$42.22
F7050750	Tube Talon (1/2", 5/8", 3/4" PEX), 100/pkg.	1	\$39.40
F7051000	Tube Talon (1" PEX), 50/pkg.	1	\$45.91

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	\$33.74
A7250750	Tube Clamp Suspension (3/4 PEX), 50/pkg.	1	\$17.12
A7350500	Tube Clamp Standard (1/2 PEX), 100/pkg.	1	\$50.35
A7350750	Tube Clamp Standard (3/4 PEX), 50/pkg.	1	\$14.59

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	\$44.02

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	\$9.66

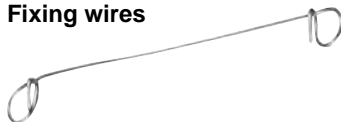
Ratchet-style fixing wire twisters



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	\$101.18

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	\$37.37

Fasteners and fastener tools

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

Part no.	Part description	Pkg. qty.	List price/ea.
F5700002	Steel Plate Protector, 100/pkg.	1	\$61.09

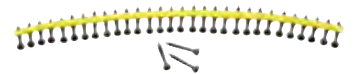
Steel plate protectors



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

Part no.	Part description	Pkg. qty.	List price/ea.
E6051250	Quik Trak Screws (1 1/4"), 2,500/pkg.	1	\$263.60

Quik Trak screws



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

Part no.	Part description	Pkg. qty.	List price/ea.
E6050010	Quik Trak Sealant, 10.3 fluid oz. (300 ml)	24	\$16.75

Quik Trak sealant



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.

Part no.	Part description	Pkg. qty.	List price/ea.
E6021638	Pneumatic Stapler Kit	1	\$2,921.50

Pneumatic stapler kits



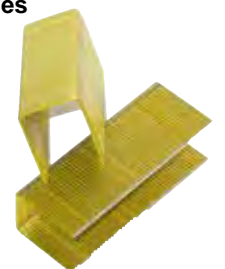
Metal staples are available in 1 1/4" lengths with a 1" crown. Use 1 1/4" staples in staple-down installations to secure 3/8", 1/2" and 5/8" Uponor PEX to wood subfloors.

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

Part no.	Part description	Pkg. qty.	List price/ea.
A7021250	1 1/4" Metal Staples, 2,500/pkg.	1	\$55.19



Metal staples



Fasteners and fastener tools

PEX foam staplers



PEX foam staplers secure Uponor PEX 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	\$583.00

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 to foam board insulation.

Part no.	Part description	Pkg. qty.	List price/ea.
A7012000	2" Blue Foam Staples, 300/pkg.	1	\$50.11

Plastic foam staples



Use Plastic Foam Staples with Manual Foam Stapler (E6025075) to secure $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ " and $\frac{3}{4}$ " Uponor PEX to rigid foam insulation.

Note: Use 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	\$113.38
A7015075	2½" Plastic Foam Staples, 300/pkg.	1	\$159.13

Uponor General Conditions*

1. A Purchase Order, when accepted, is not subject to cancellation, change, reduction in amount or suspension of deliveries except with the written consent of UPONOR and upon terms which indemnify said company against loss.
2. Any change of design, delivery schedule or instructions of any kind must be submitted in writing. UPONOR shall not be bound by any such change unless it first agrees in writing and then only upon such terms as it shall make to cover any additional cost caused by such changes.
3. Prices quoted are based on quantities and deliveries as stated and any deviation requested by the customer may require additional cost for which the customer will be responsible.
4. Any taxes which may now or hereafter be imposed by any taxing authority in respect to this instrument or product or sale contracted for are to be added to and become a part of the price payable by the buyer.
5. UPONOR shall not be responsible for any loss or damage occurring by reason of delay or inability to secure material or skilled labor, priority allocation or other material regulations, or any other cause, similar or dissimilar.
6. Claims for shortages or rejection must be made within 10 days after receipt of goods. UPONOR shall not be held responsible for any claims made after the 10 days. Claims for breakage, damage or loss should be presented directly to the transportation company upon receipt of merchandise.
7. It is understood that the delivery dates specified are based upon conditions prevailing as of the date of acceptance of the Purchase Order and that UPONOR shall not be responsible for any delay in said delivery dates or by any cancellation of the order which may be caused by conditions either out of its control or unforeseeable to it at the time the order was placed.
8. UPONOR shall have the right to modify without notice the specifications, product design and configurations of parts sold, providing that any such modifications will not materially affect performance.
9. UPONOR reserves the right to withhold shipment of any items ordered until arrangements for payment, satisfactory to UPONOR, are met.
10. All product sold in listed packaged quantities only.
11. Orders, when accepted, shall become contract effective under the laws of Canada and shall not be changed, altered or abridged by any printed items which may be included in a customer's purchase order or by any verbal agreement unless such changes are agreed upon in writing by UPONOR.
12. The minimum order is \$100 net.
13. Freight charges will be prepaid on all orders over \$15,000 net. Contact your local UPONOR sales representative for terms and conditions on rush orders and order discount structures.
14. Subject to credit approval, payment terms are 30 days net from date of invoice. Service charges are applicable on past due accounts at a rate of 1.5% per month which is equal to an annual percentage rate of 18%.
15. Wholesalers will be advised of applicable discount rate from List Price by a separate letter.
16. Prices subject to change without notice.
17. RMA requests are placed online at uponorpro.com under the Uponor Resource Centers section and then selecting Uponor Canada Online Service Center. Our Return Materials policies is located on the Resources tab. For questions on registration please contact Uponor Customer Service at 888.994.7726

Please note: The following products **are not returnable** for credit under the Standard Return categories:

Pipe Supports

Custom or partial-cut coils

Discontinued and Close-out products

Special Product Request items

Products that are opened, damaged or in unsalable packing

*See Ecoflex section (page 106) for General Terms and Conditions for Ecoflex products.

Freight Policy*

LTL and Truckload Shipments

Orders over \$15,000 net will ship prepaid within five business days. Uponor will accept purchase orders from a maximum of four different branches to qualify for prepaid freight if the following conditions are met.

- The orders must be received by Uponor at the same time.
- Orders must ship on the same day.
- Orders must specify that they are piggyback orders when they are placed and state which orders they will accompany.
- Uponor will not be responsible for organizing piggyback orders.
- Uponor will not hold orders while waiting for other branches to place their orders.
- Prepaid is a service and benefit offered at Uponor's discretion, therefore five business days applies to all prepaid orders. All rush orders will be shipped collect via your specified carrier.

Orders less than \$15,000 net will ship collect within five business days via your specified carrier.

Courier Shipments

Courier shipments (weighing less than 250 lbs.) will ship within three business days. Customer must assign carrier.

Rush Shipments

Orders will ship the same day if the following conditions are met.

- Purchase orders must be stamped rush.
- Customer must assign carrier and pay freight.
- Shipment must weigh less than 250 lbs.
- Purchase order must be received by Uponor prior to:
 - 11 a.m. EST for shipments out of Mississauga.
 - 1 p.m. CST for shipments out of Calgary.
- Orders received after cut-off times will ship next business day.
- Order must meet \$100 net minimum requirement.
- Distributor will be charged 2% Rush fee on total order.

Requests to rush orders over 250 lbs. will be considered if they do not interfere with our standard service commitments. Approval must come from the distribution manager. Please note that rush orders are not prepaid freight. If the prepaid order is required prior to the five business days, the freight will be charged collect via the wholesaler's choice carrier. Prepaid is a service and benefit offered at Uponor's discretion, therefore five business days apply to all prepaid orders.

Note: There is a \$100 net minimum order requirement for invoicing purposes to all stocking distributors.

*See Ecoflex section (page 106) for General Terms and Conditions for Ecoflex products.

Alphanumeric Listing 2018

New or discount.	Part number	Description	Page number	2018 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"	117	\$2,128.52	1					E
	1007357	Reducer Bushing 5.5" to 2.7"	117, 120	\$81.95	1					E
	1007358	Compression Wall Seal for 2.7" Jacket	118, 120	\$553.20	1					E
	1007360	Compression Wall Seal for 5.5" Jacket	118, 120	\$609.58	1					E
	1007361	Compression Wall Seal for 6.9" Jacket	118, 120	\$685.62	1					E
	1007362	Compression Wall Seal for 7.9" Jacket	118, 120	\$732.24	1					E
	1018245	Twin End Cap, 1", 1 1/4", 1 1/2" PEX Pipe with 5.5" Jacket (25mm, 32mm and 40mm)	115, 120	\$122.43	1					E
	1018266	Wall Sleeve with Heat Shrink for 2.7" Jacket	118, 120	\$141.96	1					E
	1018268	Wall Sleeve with Heat Shrink for 6.9" and 7.9" Jackets	118, 120	\$415.44	1					E
	1018269	Wall Sleeve with Heat Shrink for 5.5" Jacket	118, 120	\$306.57	1					E
	1018326	Ecoflex Connection Vault, 6 outlet	115	\$3,301.65	1					E
	1018327	Ecoflex Connection Vault, 8 outlet	115	\$4,195.13	1					E
	1018378	Uponor Shrinkable Tape 9" x 9' roll	115	\$216.93	1					E
	1018379	Vault Shrink Sleeve for 5.5" Jacket	115	\$132.77	1					E
	1018380	Vault Shrink Sleeve for 6.9" Jacket	115	\$142.86	1					E
	1018381	Vault Shrink Sleeve for 7.9" Jacket	115	\$146.74	1					E
	1021990	Tea Insulation Kit, 5.5", 6.9", 7.9"	116, 120	\$1,262.71	1					E
	1021991	Elbow Insulation Kit, 5.5", 6.9", 7.9"	116, 120	\$1,134.50	1					E
	1021992	Straight Insulation Kit, 5.5", 6.9", 7.9"	116, 120	\$1,062.51	1					E
	5012710	1" Thermal Single with 2.7" Jacket, 1,000-ft. coil	107, 120, 121	\$11.41	1					E
	5012775	3/4" Thermal Single with 2.7" Jacket, 1,000-ft. coil	107, 120, 121	\$10.01	1					E
	5015510	1" Thermal Single with 5.5" Jacket, 600-ft. coil	107, 120, 121	\$30.82	1					E
	5015513	1 1/4" Thermal Single with 5.5" Jacket, 500-ft. coil	107, 120, 121	\$33.37	1					E
	5016915	1 1/2" Thermal Single with 6.9" Jacket, 300-ft. coil	107, 120, 121	\$48.91	1					E
	5016920	2" Thermal Single with 6.9" Jacket, 300-ft. coil	107, 120, 121	\$56.72	1					E
	5016925	2 1/2" Thermal Single with 6.9" Jacket, 300-ft. coil	107, 120, 121	\$61.99	1					E
	5017930	3" Thermal Single with 7.9" Jacket, 300-ft. coil	107, 120, 121	\$80.43	1					E
	5017935	3 1/2" Thermal Single with 7.9" Jacket, 300-ft. coil	107, 120, 121	\$92.11	1					E
	5017940	4" Thermal Single with 7.9" Jacket, 300-ft. coil	107, 120, 121	\$101.68	1					E
	5025513	1 1/4" Thermal Twin Jr. with 5.5" Jacket, 600-ft. coil	108, 120, 121	\$20.87	1					E
	5026910	1" Thermal Twin with 6.9" Jacket, 600-ft. coil	108, 120, 121	\$39.25	1					E
	5026913	1 1/4" Thermal Twin with 6.9" Jacket, 500-ft. coil	108, 120, 121	\$44.92	1					E
	5026915	1 1/2" Thermal Twin with 6.9" Jacket, 300-ft. coil	108, 120, 121	\$55.58	1					E
	5027920	2" Thermal Twin with 7.9" Jacket, 300-ft. coil	108, 120, 121	\$80.35	1					E
	5027925	2 1/2" Thermal Twin with 7.9" Jacket, 300-ft. coil	108, 120, 121	\$101.33	1					E
	5115513	1 1/4" Potable HDPE with 5.5" Jacket, 300-ft. coil	109, 121	\$32.93	1					E
	5115515	1 1/2" Potable HDPE with 5.5" Jacket, 300-ft. coil	109, 121	\$34.86	1					E

Alphanumeric Listing 2018

New or discount.	Part number	Description	Page number	2018 list price (ea.)	Pkg. qty.	Alternative part number	Product application category			
							Plumbing	Fire	Radiant	Ecoflex
	5115520	2" Potable HDPE with 5.5" Jacket, 300-ft. coil	109, 121	\$40.66	1					E
	5116930	3" Potable HDPE with 6.9" Jacket, 300-ft. coil	109, 121	\$57.70	1					E
	5117940	4" Potable HDPE with 7.9" Jacket, 300-ft. coil	109, 121	\$76.04	1					E
	5212710	1" Potable PEX with 2.7" Jacket, 1,000-ft. coil	110, 120, 121	\$11.41	1					E
	5212775	¾" Potable PEX with 2.7" Jacket, 1,000-ft. coil	110, 120, 121	\$10.01	1					E
	5215510	1" Potable PEX with 5.5" Jacket, 600-ft. coil	110, 120, 121	\$30.82	1					E
	5215513	1½" Potable PEX with 5.5" Jacket, 500-ft. coil	110, 120, 121	\$33.37	1					E
	5216915	1½" Potable PEX with 6.9" Jacket, 300-ft. coil	110, 120, 121	\$48.91	1					E
	5216920	2" Potable PEX with 6.9" Jacket, 300-ft. coil	110, 120, 121	\$55.58	1					E
	5217930	3" Potable PEX with 7.9" Jacket, 300-ft. coil	110, 120, 121	\$76.30	1					E
	5228910	1" Potable PEX Twin with 6.9" Jacket, 600-ft. coil	111, 120, 121	\$39.25	1					E
	5228913	1¼" Potable PEX Twin with 6.9" Jacket, 500-ft. coil	111, 120, 121	\$44.92	1					E
	5228915	1½" Potable PEX Twin with 6.9" Jacket, 300-ft. coil	111, 120, 121	\$55.58	1					E
	5227920	2" Potable PEX Twin with 7.9" Jacket, 300-ft. coil	111, 120, 121	\$80.35	1					E
	5455513	1¼" Potable PEX Plus with 5.5" Jacket, 7 Watt/ft.	111, 120, 121	\$51.77	1					E
	5550010	WIPEX Fitting 1" PEX x 1" NPT	114, 120	\$91.92	1					E
	5550013	WIPEX Fitting 1¼" PEX x 1¼" NPT	114, 120	\$100.29	1					E
	5550015	WIPEX Fitting 1½" PEX x 1½" NPT	114, 120	\$132.69	1					E
	5550020	WIPEX Fitting 2" PEX x 2" NPT	114, 120	\$178.13	1					E
	5550025	WIPEX Fitting 2½" x 2" NPT	114, 120	\$133.86	1					E
	5550030	WIPEX Fitting 3" x 2½" NPT	114, 120	\$214.04	1					E
	5550035	WIPEX Fitting 3½" x 3" NPT	114, 120	\$277.13	1					E
	5550040	WIPEX Fitting 4" x 4" NPT	114, 120	\$369.67	1					E
	5550101	WIPEX Sleeve Pliers 1"-1½"	114	\$149.73	1					E
	5550102	WIPEX Sleeve Pliers 1½"-3½"	114	\$169.84	1					E
	5550103	WIPEX Sleeve Pliers 3½"-4"	114	\$270.42	1					E
	5852710	End Cap, ¾" and 1" Pipe with 2.7" Jacket	114, 120	\$73.76	1					E
	5855513	End Cap, 1" and 1¼" PEX Pipe with 5.5" Jacket	114, 120	\$124.34	1					E
	5855520	End Cap, 1¼", 1½", 2" and 2" HDPE Pipe with 5.5" Jacket	114, 120	\$128.55	1					E
	5856930	End Cap, 1½", 2", 2½" PEX and 3" HDPE Pipe with 6.9" Jacket	114, 120	\$151.82	1					E
	5857940	End Cap 3, 3½, 4" PEX and 4" HDPE pipe, 7.9" Jacket	114, 120	\$165.87	1					E
	5956915	Twin End Cap, 1", 1¼" and 1½" PEX Pipe with 6.9" Jacket	115, 120	\$188.25	1					E
	5957925	Twin End Cap, 2" and 2½" PEX Pipe with 7.9" Jacket	115, 120	\$235.06	1					E
	A1140313	¾" Wirubo hePEX, 100-ft. coil	50	\$94.65	1					R
	A1140375	¾" Wirubo hePEX, 100-ft. coil	50	\$140.14	1					R
	A1140500	½" Wirubo hePEX, 100-ft. coil	50	\$99.08	1					R

Uponor reserves the right to increase quantities to the next package allowable. Canada

Alphanumeric Listing 2018

New or discount.	Part number	Description	Page number	2018 list price (ea.)	Pkg. qty.	Alternative part number	Product application category			
							Plumbing	Fire	Radiant	Ecoflex
	A1140625	5/8" Wirsbo hePEX, 100-ft. coil	50	\$136.71	1				R	
	A1140750	3/4" Wirsbo hePEX, 100-ft. coil	50	\$193.60	1				R	
	A1141000	1" Wirsbo hePEX, 100-ft. coil	50	\$293.43	1				R	
	A1141250	1 1/4" Wirsbo hePEX, 100-ft. coil	50	\$540.26	1				R	
	A1141500	1 1/2" Wirsbo hePEX, 100-ft. coil	50	\$757.78	1				R	
	A1142000	2" Wirsbo hePEX, 100-ft. coil	50	\$1,317.09	1				R	
	A1180313	5/8" Wirsbo hePEX, 250-ft. coil	50	\$236.51	1				R	
	A1210375	3/8" Wirsbo hePEX, 400-ft. coil	50	\$560.51	1				R	
	A1210625	5/8" Wirsbo hePEX, 400-ft. coil	50	\$546.70	1				R	
	A1220313	5/8" Wirsbo hePEX, 1,000-ft. coil	50	\$945.98	1				R	
	A1220375	3/8" Wirsbo hePEX, 1,000-ft. coil	50	\$1,401.29	1				R	
	A1220500	1/2" Wirsbo hePEX, 1,000-ft. coil	50	\$990.33	1				R	
	A1220625	5/8" Wirsbo hePEX, 1,000-ft. coil	50	\$1,366.93	1				R	
	A1220750	3/4" Wirsbo hePEX, 1,000-ft. coil	50	\$1,935.84	1				R	
	A1240750	3/4" Wirsbo hePEX, 500-ft. coil	50	\$968.10	1				R	
	A1241000	1" Wirsbo hePEX, 500-ft. coil	50	\$1,467.25	1				R	
	A1250500	1/2" Wirsbo hePEX, 300-ft. coil	50	\$297.09	1				R	
	A1250625	5/8" Wirsbo hePEX, 300-ft. coil	50	\$410.11	1				R	
	A1250750	3/4" Wirsbo hePEX, 300-ft. coil	50	\$580.82	1				R	
	A1251000	1" Wirsbo hePEX, 300-ft. coil	50	\$880.41	1				R	
	A1251250	1 1/4" Wirsbo hePEX, 300-ft. coil	50	\$1,620.64	1				R	
	A1251500	1 1/2" Wirsbo hePEX, 300-ft. coil	50	\$2,273.20	1				R	
	A1252000	2" Wirsbo hePEX, 300-ft. coil	50	\$3,951.26	1				R	
	A1260500	1/2" Wirsbo hePEX, 500-ft. coil	50	\$495.17	1				R	
	A1912500	2 1/2" Wirsbo hePEX, 10-ft. straight lengths, 30 ft. (3 per bundle)	51	\$575.93	1				R	
	A1913000	3" Wirsbo hePEX, 10-ft. straight lengths, 30 ft. (3 per bundle)	51	\$762.47	1			P	R	
	A1913500	3 1/2" Wirsbo hePEX, 10-ft. straight lengths, 30 ft. (3 per bundle)	51	\$998.45	1			P	R	
	A1914000	4" Wirsbo hePEX, 10-ft. straight lengths, 20 ft. (2 per bundle)	51	\$828.54	1			P	R	
	A1921000	1" Wirsbo hePEX, 20-ft. straight length, 200 ft. (10 per bundle)	51	\$595.70	1				R	
	A1921250	1 1/4" Wirsbo hePEX, 20-ft. straight length, 100 ft. (5 per bundle)	51	\$548.35	1				R	
	A1921500	1 1/2" Wirsbo hePEX, 20-ft. straight length, 100 ft. (5 per bundle)	51	\$769.01	1				R	
	A1922000	2" Wirsbo hePEX, 20-ft. straight length, 100 ft. (5 per bundle)	51	\$1,336.60	1				R	
	A1922500	2 1/2" Wirsbo hePEX 20-ft. straight length, 60-ft.(3 per bundle)	51	\$1,097.00	1			P	R	
	A1923000	3" Wirsbo hePEX 20-ft. straight length, 40-ft.(2 per bundle)	51	\$968.22	1			P	R	
	A1923500	3 1/2" Wirsbo hePEX, 20-ft. straight length, 40-ft. (2 per bundle)	51	\$1,267.87	1			P	R	
	A1924000	4" Wirsbo hePEX, 20-ft. straight length, 20-ft. (1 per bundle)	51	\$789.09	1			P	R	
	A1930500	1/2" Wirsbo hePEX, 20-ft. straight length, 500 ft. (25 per bundle)	51	\$502.92	1				R	

Alphanumeric Listing 2018

New or discount.	Part number	Description	Page number	2018 list price (ea.)	Pkg. qty.	Alternative part number	Product application category			
							Plumbing	Fire	Radiant	Ecoflex
	A1930625	3/8" Wirsbo hePEX, 20-ft. straight length, 300 ft. (15 per bundle)	51	\$416.26	1				R	
	A1930750	3/4" Wirsbo hePEX, 20-ft. straight length, 300 ft. (15 per bundle)	51	\$584.19	1				R	
	A2080020	Brass Manifold Loop End Cap, R20	72	\$11.53	10				R	
	A2080032	Basic End Cap, R32	59	\$26.66	10				R	
	A2123210	Threaded Brass Manifold Bushing, R32 Male x 1" Female NPT	56, 62, 72	\$19.77	10				R	
	A2133275	Threaded Brass Manifold Bushing, R32 Male x 3/4" Female NPT	56, 62, 72	\$30.13	10				R	
	A2400020	Brass Manifold Loop End Cap Gasket, spare part	61, 72	\$3.91	10				R	
	A2400032	Basic End Cap Gasket, spare part, R32	59, 61	\$4.30	10					
	A2402000	2" Copper End Cap Spun End with drain and vent connections	75	\$185.25	1				R	
	A2603524	Manifold Wall Cabinet, 35.5" H x 24" W x 3.5" D	55	\$628.29	1				R	
	A2603530	Manifold Wall Cabinet, 35.5" H x 30.5" W x 3.5" D	55	\$713.90	1				R	
	A2603539	Manifold Wall Cabinet, 35.5" H x 39" W x 3.5" D	55	\$783.89	1				R	
	A2603588	EP Heating Manifold Wall Cabinet Bracket Kit, set of 2	55, 63, 65	\$54.05	1				R	
	A2610020	TruFLOW Manifold Loop Temperature Gauge	56, 61	\$49.74	10				R	
	A2610100	TruFLOW Classic Manifold Extension Kit, 2 loops	56, 60	\$464.13	1				R	
	A2610120	Temperature Gauge with Well, replacement part	61	\$33.72	10				R	
	A2610200	TruFLOW Classic Assembly, B&I, 2-loop	57	\$476.89	1				R	
	A2610300	TruFLOW Classic Assembly, B&I, 3-loop	57	\$557.42	1				R	
	A2610400	TruFLOW Classic Assembly, B&I, 4-loop	57	\$709.22	1				R	
	A2610500	TruFLOW Classic Assembly, B&I, 5-loop	57	\$855.98	1				R	
	A2610600	TruFLOW Classic Assembly, B&I, 6-loop	57	\$972.74	1				R	
	A2610700	TruFLOW Classic Assembly, B&I, 7-loop	57	\$1,023.74	1				R	
	A2610800	TruFLOW Classic Assembly, B&I, 8-loop	57	\$1,244.20	1				R	
	A2611000	TruFLOW Classic Assembly, B&I, 10-loop	57	\$1,527.08	1				R	
	A2611200	TruFLOW Classic Assembly, B&I, 12-loop	57	\$1,652.02	1				R	
	A2620002	TruFLOW Manifold Balancing Hex Key, replacement part	56, 61	\$7.52	10				R	
	A2620005	Replacement Gasket for R32 Union Connections	61	\$0.52	10				R	
	A2620008	Replacement O-ring for 1/4" BSP Connections	61	\$1.37	10				R	
	A2620009	Replacement O-ring for TruFLOW Flow/Temperature Meter	56, 61	\$0.55	10				R	
	A2620021	TruFLOW Classic Manifold Mounting Bracket, single bracket replacement part	56, 59	\$52.27	10				R	
	A2620045	TruFLOW Classic Manifold Offset Union, R32 Union x 1/4" BSP	56, 60	\$37.27	10				R	
	A2620090	TruFLOW Classic Manifold Elbow Union, R32 Union x 1/4" BSP	56, 60	\$35.80	10				R	
	A2621010	TruFLOW Manifold Coupling Nipple, 1/4" BSP x 1/4" BSP	60	\$24.53	10				R	
	A2621250	TruFLOW End Cap with Vent and Drain	56	\$55.36	2					
	A2630028	TruFLOW Manifold Actuator Adapter, replacement part	56, 57, 60, 84	\$4.06	10				R	
	A2631250	Manifold Supply and Return Ball Valves with Filter and Temperature Gauge, set of 2	55, 56, 59, 64	\$329.03	1				R	

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Alphanumeric Listing 2018

New or discount.	Part number	Description	Page number	2018 list price (ea.)	Pkg. qty.	Alternative part number	Product application category			
							Plumbing	Fire	Radiant	Ecoflex
	A2631251	Manifold Supply and Return Ball Valves with Temperature Gauges, set of 2	59, 64	\$216.77	1				R	
	A2631252	Manifold Supply and Return Ball Valves, set of 2	59, 64	\$116.39	1				R	
	A2640004	Replacement O-ring for 1" BSP Manifold Connections	61	\$1.51	10					
	A2640015	TruFLOW Visual Flow Meter, 0.15 to 0.8 gpm	56, 61	\$44.58	10				R	
	A2640021	TruFLOW Jr. Manifold Mounting Bracket, single bracket replacement part	56, 59	\$35.28	10				R	
	A2640027	TruFLOW Visual Flow Meter, 0.25 to 2.0 gpm	56, 61	\$44.58	10				R	
	A2660200	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 2-loop	57	\$298.09	1				R	
	A2660201	TruFLOW Jr. Assembly, B&I, 2-loop	57	\$381.62	1				R	
	A2660300	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 3-loop	57	\$370.48	1				R	
	A2660301	TruFLOW Jr. Assembly, B&I, 3-loop	57	\$471.00	1				R	
	A2660400	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 4-loop	57	\$431.87	1				R	
	A2660401	TruFLOW Jr. Assembly, B&I, 4-loop	57	\$557.17	1				R	
	A2660500	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 5-loop	57	\$541.75	1				R	
	A2660501	TruFLOW Jr. Assembly, B&I, 5-loop	57	\$688.44	1				R	
	A2660600	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 6-loop	57	\$604.65	1				R	
	A2660601	TruFLOW Jr. Assembly, B&I, 6-loop	57	\$766.81	1				R	
	A2660700	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 7-loop	57	\$691.90	1				R	
	A2660701	TruFLOW Jr. Assembly, B&I, 7-loop	57	\$861.58	1				R	
	A2660800	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 8-loop	57	\$736.59	1				R	
	A2660801	TruFLOW Jr. Assembly, B&I, 8-loop	57	\$985.06	1				R	
	A2663202	TruFLOW Jr. Valveless, 2-loop	58	\$95.30	1				R	
	A2663203	TruFLOW Jr. Valveless, 3-loop	58	\$120.38	1				R	
	A2663204	TruFLOW Jr. Valveless, 4-loop	58	\$135.04	1				R	
	A2663212	TruFLOW Jr. Manifold Balancing Valves, 2-loop	58	\$149.46	1				R	
	A2663213	TruFLOW Jr. Manifold Balancing Valves, 3-loop	58	\$175.87	1				R	
	A2663214	TruFLOW Jr. Manifold Balancing Valves, 4-loop	58	\$205.92	1				R	
	A2663222	TruFLOW Jr. Isolation Valves, 2-loop	58	\$165.04	1				R	
	A2663223	TruFLOW Jr. Isolation Valves, 3-loop	58	\$218.13	1				R	
	A2663224	TruFLOW Jr. Isolation Valves, 4-loop	58	\$270.08	1				R	
	A2670001	EP Heating Manifold Single Section with Isolation Valve	62, 64	\$38.66	1				R	
	A2670003	EP Heating Manifold Single Section with Balancing Valve and Flow Meter	62, 64	\$53.87	1				R	
	A2670004	EP Heating Manifold Isolation Valve Body, replacement part	62, 66, 67	\$21.49	1				R	
	A2670005	EP Heating Manifold Flow Meter Valve Body, replacement part	62, 66, 67	\$26.07	1				R	
	A2670006	EP Heating Manifold Mounting Bracket, set of 2	62, 63, 65	\$25.75	1				R	
	A2670007	EP Heating Manifold Valve Replacement Tool	62, 67	\$17.18	1				R	
	A2670008	EP Heating Manifold Replacement O-ring 28.5 x 3mm EPDM	62, 67	\$1.47	10				R	
	A2670032	EP Heating Manifold Connection Piece, set of 2	62, 64, 67	\$153.23	1				R	

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New or discount.	Part number	Description	Page number	2018 list price (ea.)	Pkg. qty.	Alternative part number	Product application category			
							Plumbing	Fire	Radiant	Ecoflex
	A2670090	EP Heating Manifold Elbow, set of 2	62, 65	\$40.69	1				R	
	A2670132	EP Heating Manifold Temperature Gauge, set of 2	62, 67	\$39.29	1				R	
	A2670201	EP Heating Manifold Assembly with Flow Meter, 2-loop	63, 64	\$327.05	1				R	
	A2670301	EP Heating Manifold Assembly with Flow Meter, 3-loop	63	\$379.88	1				R	
	A2670401	EP Heating Manifold Assembly with Flow Meter, 4-loop	62, 63	\$461.07	1				R	
	A2670501	EP Heating Manifold Assembly with Flow Meter, 5-loop	63	\$515.18	1				R	
	A2670601	EP Heating Manifold Assembly with Flow Meter, 6-loop	63	\$581.87	1				R	
	A2670701	EP Heating Manifold Assembly with Flow Meter, 7-loop	63	\$633.64	1				R	
	A2670801	EP Heating Manifold Assembly with Flow Meter, 8-loop	63, 64	\$718.30	1				R	
	A2671250	EP Heating Manifold End Cap with Vent and Drain, set of 2	62, 65	\$48.26	1				R	
	A2671300	EP Heating Manifold Actuator Adapter	62, 66, 81, 84	\$6.42	10				R	
	A2700202	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 2 loops	69	\$325.03	1				R	
	A2700302	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 3 loops	69	\$377.54	1				R	
	A2700402	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 4 loops	69	\$458.23	1				R	
	A2700502	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 5 loops	69	\$512.00	1				R	
	A2700602	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 6 loops	69	\$578.27	1				R	
	A2700702	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 7 loops	69	\$629.75	1				R	
	A2700802	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 8 loops	69	\$713.88	1				R	
	A2701002	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 10 loops	69	\$835.23	1				R	
	A2701202	Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 12 loops	69	\$1,067.78	1				R	
	A2720202	Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 2 loops	69	\$398.40	1				R	
	A2720302	Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 3 loops	69	\$497.75	1				R	
	A2720402	Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 4 loops	69	\$592.41	1				R	
	A2720502	Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 5 loops	69	\$715.02	1				R	
	A2720602	Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 6 loops	69	\$812.57	1				R	
	A2720702	Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 7 loops	69	\$914.17	1				R	
	A2720802	Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 8 loops	69	\$1,039.34	1				R	
	A2721002	Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 10 loops	69	\$1,275.60	1				R	
	A2721202	Stainless-steel Manifold Assembly, 1 1/4" with flow meter, B&I, ball valve, 12 loops	69	\$1,475.18	1				R	
	A2771010	Mounting Bracket for Stainless-steel Manifold, 1", replacement part, set of 2	68, 70	\$16.93	1				R	
	A2771011	Mounting Bracket for Stainless-steel Manifold, 1 1/4", replacement part, set of 2	68, 70	\$16.93	1				R	
	A2771020	Stainless-steel Manifold Flow Meter 1.5 GPM Valve Body, replacement part	68, 70	\$22.16	1				R	
	A2771021	Stainless-steel Manifold Flow Meter 2 GPM Valve Body, replacement part	68, 70	\$22.16	1				R	
	A2771030	Stainless-steel Manifold Isolation Valve Body, replacement part	68, 71	\$11.52	1				R	
	A2771035	O-ring for Stainless-steel Manifold Isolation Valve Body	68, 71	\$9.34	10				R	
	A2771040	Stainless-steel Manifold Replacement Gasket for R32 Union Connection	68, 71	\$11.68	10				R	

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New or discount.	Part number	Description	Page number	2018 list price (ea.)	Pkg. qty.	Alternative part number	Product application category			
							Plumbing	Fire	Radiant	Ecoflex
	A2771050	Stainless-steel Manifold Temperature Gauge, set of 2	68, 70	\$32.65	1				R	
	A2771060	Spacer Ring VA10 for Thermal Actuators	68, 71, 81, 84	\$0.22	5				R	
	A2771070	Stainless-steel Manifold Installation Kit	68, 70	\$5.02	1				R	
	A2771251	Stainless-steel Manifold Supply and Return 1" FNPT Ball Valve with Temperature Gauge, set of 2	68, 70	\$82.37	1				R	
	A2771252	Stainless-steel Manifold Supply and Return 1 1/4" FNPT Ball Valve with Temperature Gauge, set of 2	68, 70	\$113.49	1				R	
	A2803250	End Cap with Vent, R32	59	\$128.78	1				R	
	A2870100	Spacer Ring VA31H for Thermal Actuators	56, 60, 81, 84	\$5.84	10				R	
	A3010100	Single-zone Pump Relay	82	\$203.90	1				R	
	A3011075	3/4" and 1" Thermal Zone Valve	81	\$163.18	1				R	
	A3019900	Spacer Ring VA33 for White Thermal Actuators	81	\$6.73	5	A2870100			R	
	A3023522	Thermal Actuator, four-wire	56, 60, 62, 66, 68, 71, 81, 84	\$94.37	1				R	
	A3030009	Replacement Fuse (2 amps), 4/pkg.	80	\$17.36	1				R	
	A3030010	Replacement Fuse (4 amps), 4/pkg.	80	\$14.18	1				R	
	A3030522	Two-wire Thermal Actuator for EP Heating Manifolds	62, 81, 84	\$70.97	1				R	
	A3030523	Two-wire Thermal Actuator for TruFLOW Classic and Jr. Valved Manifolds	56, 81, 84	\$70.59	1				R	
	A3030524	Two-wire Thermal Actuator for Stainless-steel Manifolds	68, 81, 84	\$64.24	1				R	
	A3031003	Three-zone Control Module for Two and Four-wire Operation	80	\$156.45	1				R	
	A3031004	Four-zone Control Module for Two and Four-wire Operation	80	\$180.47	1				R	
	A3040007	Cover Plate for 500 Series Controllers	79	\$46.77	10				R	
	A3040012	Cover Plate for SetPoint 521 Programmable Thermostat	79	\$40.28	1				R	
	A3040073	Slab Sensor for Aerial Snow Sensor	83	\$339.20	1				R	
	A3040075	3/4" Three-way Mixing Valve, (Cv=4.5)	82	\$732.18	1				R	
	A3040079	Floor Sensor, replacement part	79	\$103.25	1				R	
	A3040090	Pavement Snow and Ice Sensor	83	\$1,282.60	1				R	
	A3040091	Pavement Snow and Ice Sensor Cup	83	\$291.50	1				R	
	A3040095	Aerial Snow Sensor	83	\$307.40	1				R	
	A3040100	1" Three-way Mixing Valve, (Cv=4.5)	82	\$767.28	1				R	
Disc.	A3040150	SetPoint 150 Controller	80	\$607.63	1	A3041501			R	
	A3040521	SetPoint 521, Programmable Thermostat with floor sensor	79	\$333.90	1				R	
	A3040654	Single-zone Snow Melt Control	83	\$999.43	1				R	
	A3050050	50 VA Transformer	82	\$60.91	1				R	
	A3080301	Three-zone Multi-pump Relay	82	\$506.93	1				R	
	A3080404	Powered Four-zone Controller	81	\$353.90	1				R	
	A3080406	Powered Six-zone Controller	81	\$447.19	1				R	
	A3100101	Heat-only Thermostat with Touchscreen	79	\$135.85	1				R	

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New or discount.	Part number	Description	Page number	2018 list price (ea.)	Pkg. qty.	Alternative part number	Product application category			
							Plumbing	Fire	Radiant	Ecoflex
	A3201010	ProPEX Brass Ball Valve 1" PEX x 1" PEX	77	\$43.67	1				R	
	A3201313	ProPEX Brass Ball Valve 1 1/4" PEX x 1 1/4" PEX	77	\$53.00	1				R	
	A3201515	ProPEX Brass Ball Valve 1 1/2" PEX x 1 1/2" PEX	77	\$69.32	1				R	
	A3202020	ProPEX Brass Ball Valve 2" PEX x 2" PEX	77	\$133.14	1				R	
	A3205050	ProPEX Brass Ball Valve 1/2" PEX x 1/2" PEX	77	\$16.11	10				R	
	A3207575	ProPEX Brass Ball Valve 3/4" PEX x 3/4" PEX	77	\$23.74	10				R	
	A3800165	Wireless Dial Thermostat (T-165)	78	\$83.48	1				R	
	A3800167	Wireless Digital Thermostat (T-167)	78	\$128.00	1				R	
	A3801160	Wireless Base Unit Expansion Module, 6 zones (M-160)	78	\$122.43	1				R	
	A3801165	Wireless Base Unit, 6 zones (X-165)	78	\$389.55	1				R	
	A4010313	5/16" Repair Coupling	99	\$38.47	10				R	
	A4020313	5/16" QS-style Compression Fitting Assembly, R20 thread	56, 62, 68, 73	\$21.60	10				R	
	A4020375	3/8" QS-style Compression Fitting Assembly, R20 thread	56, 62, 68, 73	\$16.74	10				R	
	A4020500	1/2" QS-style Compression Fitting Assembly, R20 thread	56, 62, 68, 73	\$17.12	10				R	
	A4020625	5/8" QS-style Compression Fitting Assembly, R20 thread	56, 62, 68, 73	\$20.47	10				R	
	A4020750	3/4" QS-style Compression Fitting Assembly, R25 thread	73	\$33.20	10				R	
	A4021000	Replacement O-ring for insert (R25)	73	\$0.68	10				R	
	A4021116	Replacement O-ring for insert (R20)	73	\$0.50	10				R	
	A4030625	5/8" QS-style Compression Fitting Assembly, R25 thread	73	\$28.67	10				R	
	A4123215	Brass Manifold Adapter, R32 to 1 1/4" Adapter or 1 1/2" Fitting Adapter	72	\$44.00	10				R	
	A4133210	Brass Manifold Adapter, R32 x 1" Adapter or 1 1/4" Fitting Adapter	56, 62, 72	\$23.06	10				R	
	A4143210	Brass Manifold Adapter, R32 x 3/4" Adapter or 1" Fitting Adapter	56, 62, 72	\$30.01	10				R	
	A4143220	Threaded Brass Manifold Straight Adapter, R32 Male x R20 Male	56, 62, 72	\$31.93	10				R	
	A4143225	Threaded Brass Manifold Straight Adapter, R32 Male x R25 Male	56, 62, 72	\$32.86	10				R	
	A4160313	5/16" QS-style Compression Ring, spare part	73	\$5.07	10				R	
	A4160375	3/8" QS-style Compression Ring, spare part	73	\$4.12	10				R	
	A4160500	1/2" QS-style Compression Ring, spare part	73	\$4.87	10				R	
	A4160625	5/8" QS-style Compression Ring, spare part	73	\$4.99	10				R	
	A4160750	3/4" QS-style Compression Ring, spare part	73	\$12.20	10				R	
	A4322020	QS-style Coupling Nipple, R20 x R20	99	\$12.94	10				R	
	A4322050	QS-style Conversion Nipple, R20 x 1/2" NPT	99	\$15.47	10				R	
	A4322075	QS-style Conversion Nipple, R20 x 3/4" NPT	99	\$15.66	10				R	
	A4322525	QS-style Coupling Nipple, R25 x R25 (for 3/4" and 5/8" tubing only)	99	\$24.46	10				R	
	A4322575	QS-style Conversion Nipple, R25 x 3/4" NPT (for 3/4" tubing only)	99	\$20.86	10				R	
	A4332050	QS-style Copper Adapter, R20 x 1/2" Copper	99	\$12.80	10				R	
	A4332075	QS-style Copper Adapter, R20 x 3/4" Copper	99	\$13.60	10				R	

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							Plumbing	Fire	Radiant	Ecoflex
	A4332575	QS-style Copper Adapter, R25 x 3/4" Copper (for 3/4" and 5/8" tubing only)	99	\$25.40	10				R	
	A4342050	QS-style Copper Fitting Adapter, R20 x 1/2" Copper	99	\$12.78	10				R	
	A4342075	QS-style Copper Fitting Adapter, R20 x 3/4" Copper	99	\$13.00	10				R	
	A4342510	QS-style Copper Fitting Adapter, R25 X 1" Copper (for 3/4" and 5/8" tubing only)	99	\$12.72	10				R	
	A4342575	QS-style Copper Fitting Adapter, R25 X 3/4" Copper (for 3/4" and 5/8" tubing only)	99	\$24.60	10				R	
	A4372075	QS-style Baseboard Elbow, R20 x 3/4" Copper Fitting Adapter	100	\$27.40	10				R	
	A4382075	QS-style Baseboard Elbow, R20 X 3/4" Copper Adapter	100	\$16.20	10				R	
	A4392075	QS-style Baseboard Tee, R20 x 3/4" Copper Adapter	100	\$25.40	10				R	
	A5060701	Quik Trak 7" x 48" Panels	101	\$17.37	10				R	
	A5060702	Quik Trak 7" x 48" Return Panels	101	\$25.82	10				R	
	A5060712	Quik Trak 12" x 48" Combo Panel, 6 runs with return	102	\$55.48	5				R	
	A5060722	Quik Trak 12" x 12" Combo 90, 6 runs	102	\$14.90	5				R	
	A5060732	Quik Trak 7" x 12" Combo Access Panel, 6 runs with 1 access	102	\$14.58	6				R	
	A5060761	Quik Trak 7" x 48" x 6 Panels (fully assembled set)	101	\$120.77	1				R	
	A5080375	Joist Trak, 3/8" Heat Transfer Panel	101	\$16.79	20				R	
	A5080500	Joist Trak, 1/2" Heat Transfer Panel	101	\$19.07	20				R	
	A5090313	Fast Trak 0.5	101	\$27.88	20				R	
	A5090500	Fast Trak 1.3i	101	\$33.05	18				R	
	A5091000	Fast Trak Edge Strip, 65-ft. roll	101	\$36.85	10				R	
	A5110375	3/8" Metal Bend Support	127	\$4.86	50			P	R	
	A5110500	1/2" Metal Bend Support	127	\$5.94	50			P	R	
	A5110625	3/8" Metal Bend Support	127	\$5.90	50				R	
	A5110750	3/4" Metal Bend Support	127	\$19.22	25			P	R	
	A5150375	3/8" Plastic Bend Support	127	\$2.73	25			P	R	
	A5150750	3/4" Plastic Bend Support	127	\$5.79	50			P	R	
	A5250500	1/2" Plastic Bend Support	127, 128	\$3.20	25			P	R	
	A5400012	1" Union Replacement Gasket	77, 81	\$8.00	3				R	
	A5402112	1" Thermal Mixing Valve with Union	77	\$171.17	1				R	
	A5500500	3/4" PVC Elbow for 3/8" and 1/2" PEX Bend Support	128	\$3.84	25			P	R	
	A5500625	1" PVC Elbow for 5/8" PEX Bend Support	128	\$4.83	25				R	
	A5500750	1 1/4" PVC Elbow for 3/4" PEX Bend Support	128	\$8.94	20			P	R	
	A5501000	1 1/2" PVC Elbow for 1" PEX Bend Support	128	\$11.93	25			P	R	
	A5700500	1/2" PEX Rail, 6.5 ft.	129	\$12.90	16			P	R	
	A5700625	3/8" PEX Rail, 6.5 ft.	129	\$13.31	16				R	
	A5700750	3/4" PEX Rail, 6.5 ft.	129	\$21.31	16			P	R	
	A5750001	Mounting Bracket for 5/8" to 1" Water Meters	33	\$12.72	1			P	R	
	A5750500	PEX Wall Support Bracket, 1/2" and 3/4"	127, 128	\$9.23	25			P		

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New or discount.	Part number	Description	Page number	2018 list price (ea.)	Pkg. qty.	Alternative part number	Product application category			
							Plumbing	Fire	Radiant	Ecoflex
	A5802075	Ball Valve, R20 Thread x 3/4" Copper Adapter	75	\$38.26	10				R	
	A5802575	Ball Valve, R25 Thread x 3/4" Copper Adapter	75	\$44.05	10				R	
	A5902075	Ball and Balancing Valve, R20 Thread x 3/4" Copper Adapter	75	\$75.85	10				R	
	A5902575	Ball and Balancing Valve, R25 Thread x 3/4" Copper Adapter	75	\$78.27	10				R	
	A6140500	1/2" Pre-insulated Wirubo hePEX with 1/2" insulation, 100-ft. coil	112	\$394.92	1				R	
	A6140750	3/4" Pre-insulated Wirubo hePEX with 1/2" insulation, 100-ft. coil	112	\$478.07	1				R	
	A6141000	1" Pre-insulated Wirubo hePEX with 1/2" insulation, 100-ft. coil	112	\$581.56	1				R	
	A6141250	1 1/4" Pre-insulated Wirubo hePEX with 1/2" insulation, 100-ft. coil	112	\$893.78	1				R	
Disc.	A6141500	1 1/2" Pre-insulated Wirubo hePEX with 1/2" insulation, 100-ft. coil	112	\$1,097.22	1				R	
Disc.	A6142000	2" Pre-insulated Wirubo hePEX with 1/2" insulation, 100-ft. coil	112	\$1,590.70	1				R	
	A6150500	1/2" Pre-insulated Wirubo hePEX with 1" insulation, 100-ft. coil	112	\$602.98	1				R	
	A6150750	3/4" Pre-insulated Wirubo hePEX with 1" insulation, 100-ft. coil	112	\$696.32	1				R	
	A6151000	1" Pre-insulated Wirubo hePEX with 1" insulation, 100-ft. coil	112	\$857.40	1				R	
	A6151250	1 1/4" Pre-insulated Wirubo hePEX with 1" insulation, 100-ft. coil	112	\$1,169.18	1				R	
	A6160500	1/2" Pre-insulated Wirubo hePEX with 1 1/2" insulation, 100-ft. coil	112	\$810.63	1				R	
	A6160750	3/4" Pre-insulated Wirubo hePEX with 1 1/2" insulation, 100-ft. coil	112	\$982.11	1				R	
	A6161000	1" Pre-insulated Wirubo hePEX with 1 1/2" insulation, 100-ft. coil	112	\$1,148.39	1				R	
	A6161250	1 1/4" Pre-insulated Wirubo hePEX with 1 1/2" insulation, 100-ft. coil	112	\$1,491.36	1				R	
	A6161500	1 1/2" Pre-insulated Wirubo hePEX with 1 1/2" insulation, 75-ft. coil	112	\$1,374.14	1				R	
	A6162000	2" Pre-insulated Wirubo hePEX with 1 1/2" insulation, 75-ft. coil	112	\$1,677.32	1				R	
	A6171500	1 1/2" Pre-insulated Wirubo hePEX with 2" insulation, 50-ft. coil	112	\$1,094.59	1				R	
	A6172000	2" Pre-insulated Wirubo hePEX with 2" insulation, 50-ft. coil	112	\$1,401.71	1				R	
	A7012000	2" Blue Foam Staples, 300/pkg.	132	\$50.11	1				R	
	A7015050	1 1/2" Plastic Foam Staples, 300/pkg.	132	\$113.38	1				R	
	A7015075	2 1/2" Plastic Foam Staples, 300/pkg.	132	\$159.13	1				R	
New	A7021250	1 1/4" Metal Staples, 2,500/pkg.	131	\$55.19	1				R	
	A7031000	Fixing Wire, 1,000/bundle	130	\$37.37	1				R	
	A7250500	Tube Clamp Suspension (1/2 PEX), 100/pkg.	130	\$33.74	1			P	F	R
	A7250750	Tube Clamp Suspension (3/4 PEX), 50/pkg.	130	\$17.12	1			P	F	R
	A7350500	Tube Clamp Standard (1/2 PEX), 100/pkg.	130	\$50.35	1			P	F	R
	A7350750	Tube Clamp Standard (3/4 PEX), 50/pkg.	130	\$14.59	1			P	F	R
	A750700	Fire Sprinkler Adapter Mounting Bracket, 3/4" and 1"	39	\$12.69	5				F	
	A9010599	Slab Sensor, 10k	78, 79	\$41.71	1					R
	B2252751	2" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 3/4" ProPEX	76	\$1,233.96	1					R
	B2252752	2" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 3/4" ProPEX	76	\$2,467.93	1					R
	B2253751	3" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 3/4" ProPEX	76	\$1,283.68	1					R

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New or discount.	Part number	Description	Page number	2018 list price (ea.)	Pkg. qty.	Alternative part number	Product application category			
							Plumbing	Fire	Radiant	Ecoflex
	B2253752	3" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 3/4" ProPEX	76	\$2,567.29	1				R	
	B2254751	4" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 3/4" ProPEX	76	\$1,341.63	1				R	
	B2254752	4" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 3/4" ProPEX	76	\$2,683.28	1				R	
	B2272101	2" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 1" ProPEX	76	\$1,474.13	1				R	
	B2272102	2" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 1" ProPEX	76	\$2,948.26	1				R	
	B2273101	3" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 1" ProPEX	76	\$1,523.84	1				R	
	B2273102	3" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 1" ProPEX	76	\$3,043.52	1				R	
	B2274101	4" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 1" ProPEX	76	\$1,581.87	1				R	
	B2274102	4" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 1" ProPEX	76	\$3,163.61	1				R	
	CP4501300	ProPEX LF Brass x CPVC Spigot Adapter Kit, 1/4" PEX x 1/4" CPVC (IPS or CTS)	28, 98	\$61.11	1		P			
	CP4501313	ProPEX LF Brass x CPVC Spigot Adapter, 1/4" PEX x 1/4" CPVC (CTS)	28, 98	\$53.00	1		P		R	
	CP4501500	ProPEX LF Brass x CPVC Spigot Adapter Kit, 1/2" PEX x 1/2" CPVC (IPS or CTS)	28, 98	\$79.13	1		P			
	CP4501515	ProPEX LF Brass x CPVC Spigot Adapter, 1/2" PEX x 1/2" CPVC (CTS)	28, 98	\$68.90	1		P		R	
	CP4502000	ProPEX LF Brass x CPVC Spigot Adapter Kit, 2" PEX x 2" CPVC (IPS or CTS)	28, 98	\$116.76	1		P			
	CP4502020	ProPEX LF Brass x CPVC Spigot Adapter, 2" PEX x 2" CPVC (CTS)	28, 98	\$106.00	1		P		R	
	CP4511313	ProPEX LF Brass x CPVC Socket Adapter, 1/4" PEX x 1/4" CPVC (CTS)	28, 98	\$53.00	1				R	
	CP4511515	ProPEX LF Brass x CPVC Socket Adapter, 1/2" PEX x 1/2" CPVC (CTS)	28, 98	\$68.90	1				R	
	CP4512020	ProPEX LF Brass x CPVC Socket Adapter, 2" PEX x 2" CPVC (CTS)	28, 98	\$106.00	1				R	
	E6021638	Pneumatic Stapler Kit	131	\$2,921.50	1				R	
	E6025000	PEX Foam Stapler	132	\$583.00	1				R	
Disc.	E6025075	Manual Foam Stapler	132	\$1,167.46	1				R	
	E6050000	Quik Trak Installation Tool Kit	102, 126	\$1,306.70	1				R	
	E6050005	Quik Drive Bits (set of 3 square drive bits)	102, 126	\$31.74	1				R	
	E6050010	Quik Trak Sealant, 10.3 fluid oz. (300 ml)	102, 131	\$16.75	24				R	
	E6051250	Quik Trak Screws (1 1/4"), 2,500/pkg.	102, 131	\$263.60	1				R	
	E6061000	Tube Uncoiler	123	\$648.20	1			P	F	R
	E6062000	Select Uncoiler	123	\$2,347.64	1			P	F	R
	E6081125	Tube Cutter (metal) for up to 1" PEX	124	\$63.47	1			P	F	R
	E6081128	Tube Cutter (plastic) for up to 1" PEX	124	\$55.51	1			P	F	R
	E6081140	Tube Cutter Replacement Blade for E6081125, spare part	124	\$22.99	1			P	F	R
	E6081143	Tube Cutter Replacement Blade for E6081128, spare part	124	\$32.23	1			P	F	R
	E6081501	Ratchet-style Tube Cutter for up to 1" PEX	124	\$62.28	1					
	E6081544	Tube Cutter Replacement Blade for E6081500, spare part	124	\$22.49	1			P	F	R
	E6081545	Tube Cutter Replacement Blade for E6081501, spare part	124	\$22.06	1					
	E6082000	Ratchet-style Large Dimension Tube Cutter for 1" to 2" PEX	124	\$409.98	1			P	F	R
	E6082001	Tube Cutter Replacement Blade for E6082000, spare part	124	\$108.04	1			P	F	R
	E6083000	Ratchet-style PEX Pipe Cutter, up to 3"	124	\$662.50	1			P	F	R

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New or discount.	Part number	Description	Page number	2018 list price (ea.)	Pkg. qty.	Alternative part number	Product application category			
							Plumbing	Fire	Radiant	Ecoflex
	E6083001	Tube Cutter Replacement Blade for E6083000, spare part	124	\$339.20	1		P		R	
	E6084000	Swing-style PEX Pipe Cutter, up to 4"	124	\$503.50	1		P		R	
	E6084001	Tube Cutter Replacement Blade for E6084000, spare part	124	\$74.20	1		P		R	
	E6090005	Fixing Wire Twister	130	\$9.66	1				R	
	E6091700	Ratchet-style Fixing Wire Twister	130	\$101.18	1				R	
	E6110046	TruFLOW Service Wrench, 46mm (1 7/8")	126	\$186.83	1				R	
	E6111188	1 3/4" Service Wrench	126	\$75.93	1				R	
	E6113000	S-hook for ProPEX fittings	124	\$26.50	1		P		R	
	E6122000	Manifold Pressure Test Kit	72	\$81.19	1				R	
	F1021250	1 1/4" Uponor AquaPEX White, 300-ft. coil	8, 38, 53	\$1,539.86	1		P	F	R	
	F1021500	1 1/2" Uponor AquaPEX White, 300-ft. coil	8, 53	\$1,810.52	1		P		R	
	F1022000	2" Uponor AquaPEX White, 300-ft. coil	8, 53	\$3,694.78	1		P		R	
	F1022500	2 1/2" Uponor AquaPEX White, 300-ft. coil	8, 53	\$4,674.16	1		P		R	
	F1023000	3" Uponor AquaPEX White, 300-ft. coil	8, 53	\$6,200.97	1		P		R	
	F1035400	1/2" HDPE Corrugated Sleeve, Red, 400-ft. coil	13	\$202.98	1		P			
	F1037400	3/4" HDPE Corrugated Sleeve, Red, 400 ft.	13	\$379.85	1					
	F1040250	1/4" Uponor AquaPEX White, 100-ft. coil	8, 53	\$56.91	1		P		R	
	F1040500	1/2" Uponor AquaPEX White, 100-ft. coil	8, 53	\$71.60	1		P	F	R	
	F1040750	3/4" Uponor AquaPEX White, 100-ft. coil	8, 38, 53	\$143.22	1		P	F	R	
	F1041000	1" Uponor AquaPEX White, 100-ft. coil	8, 38, 53	\$252.91	1		P	F	R	
	F1052000	2" Uponor AquaPEX White, 200-ft. coil	8, 53	\$2,463.19	1		P		R	
	F1055400	1/2" HDPE Corrugated Sleeve, Blue, 400-ft. coil	13	\$202.98	1		P			
	F1057400	3/4" HDPE Corrugated Sleeve, Blue, 400 ft.	13	\$379.85	1					
	F1060500	1/2" Uponor AquaPEX White, 300-ft. coil	8, 53	\$214.81	1		P	F	R	
	F1060502	1/2" Uponor AquaPEX Purple Reclaimed Water, 300-ft. coil	11	\$227.68	1		P			
	F1060625	5/8" Uponor AquaPEX White, 300-ft. coil	53	\$363.86	1				R	
	F1060750	3/4" Uponor AquaPEX White, 300-ft. coil	8, 38, 53	\$429.66	1		P	F	R	
	F1060752	3/4" Uponor AquaPEX Purple Reclaimed Water, 300-ft. coil	11	\$459.96	1		P			
	F1061000	1" Uponor AquaPEX White, 300-ft. coil	8, 38, 53	\$758.72	1		P	F	R	
	F1061002	1" Uponor AquaPEX Purple Reclaimed Water, 300-ft. coil	11	\$804.13	1		P			
	F1061250	1 1/4" Uponor AquaPEX White, 100-ft. coil	8, 38, 53	\$513.27	1		P	F	R	
	F1061500	1 1/2" Uponor AquaPEX White, 100-ft. coil	8, 53	\$603.50	1		P		R	
	F1062000	2" Uponor AquaPEX White, 100-ft. coil	8, 53	\$1,231.60	1		P		R	
	F1062500	2 1/2" Uponor AquaPEX White, 100-ft. coil	8, 53	\$1,665.56	1		P		R	
	F1063000	3" Uponor AquaPEX White, 100-ft. coil	8, 53	\$2,209.62	1		P		R	
	F1072512	3/8" O.D. x 12" Lav Riser	30	\$1.96	100		P			

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New or discount.	Part number	Description	Page number	2018 list price (ea.)	Pkg. qty.	Alternative part number	Product application category		
							Plumbing	Fire	Radiant
	F1072520	¾" O.D. x 20" Lav Riser	30	\$2.81	100		P		
	F1072530	¾" O.D. x 30" Lav Riser	30	\$3.69	100		P		
	F1072536	¾" O.D. x 36" Lav Riser	30	\$4.78	100		P		
	F1082512	¾" O.D. x 12" Closet Riser	30	\$2.18	100		P		
	F1082520	¾" O.D. x 20" Closet Riser	30	\$2.81	100		P		
	F1090375	¾" Uponor AquaPEX White, 400-ft. coil	8, 53	\$232.62	1		P		R
	F1091500	½" Pre-sleeved Uponor AquaPEX Blue Sleeve, 400-ft. coil	12	\$447.01	1		P		
	F1091750	¾" Pre-sleeved Uponor AquaPEX Blue Sleeve, 400-ft. coil	12	\$836.73	1		P		
	F1092500	½" Pre-sleeved Uponor AquaPEX Red Sleeve, 400-ft. coil	12	\$447.01	1		P		
	F1092750	¾" Pre-sleeved Uponor AquaPEX Red Sleeve, 400-ft. coil	12	\$836.73	1		P		
	F1100500	½" Uponor AquaPEX White, 500-ft. coil	8, 53	\$358.00	1		P	F	R
	F1100750	¾" Uponor AquaPEX White, 500-ft. coil	8, 38, 53	\$716.13	1		P	F	R
	F1101000	1" Uponor AquaPEX White, 500-ft. coil	8, 38, 53	\$1,264.59	1		P	F	R
	F1120375	¾" Uponor AquaPEX White, 1,000-ft. coil	8, 53	\$581.58	1		P		R
	F1120500	½" Uponor AquaPEX White, 1,000-ft. coil	8, 53	\$716.04	1		P	F	R
	F1120625	¾" Uponor AquaPEX White, 1,000-ft. coil	53	\$1,214.00	1		P	F	R
	F1911256	1¼" Uponor AquaPEX Purple Reclaimed Water, 10-ft. straight length, 50 ft. (5 per bundle)	11	\$279.15	1				
	F1911506	1½" Uponor AquaPEX Purple Reclaimed Water, 10-ft. straight length, 50 ft. (5 per bundle)	11	\$343.90	1				
	F1912006	2" Uponor AquaPEX Purple Reclaimed Water, 10-ft. straight length, 50 ft. (5 per bundle)	11	\$662.75	1				
	F1912500	2½" Uponor AquaPEX White, 10-ft. straight lengths, 30 ft. (3 per bundle)	9	\$532.50	1		P		
	F1913000	3" Uponor AquaPEX White, 10-ft. straight lengths, 30 ft. (3 per bundle)	9	\$706.44	1		P		
	F1921000	1" Uponor AquaPEX White, 20-ft. straight length, 200 ft. (10 per bundle)	9, 38	\$513.39	1		P	F	
	F1921002	1" Uponor AquaPEX Purple Reclaimed Water, 20-ft. straight length, 20-ft. straight length, 200 ft. (10 per bundle)	11	\$544.99	1				
	F1921250	1¼" Uponor AquaPEX White, 20-ft. straight length, 100 ft. (5 per bundle)	9, 38	\$520.95	1		P	F	R
	F1921500	1½" Uponor AquaPEX White, 20-ft. straight length, 100 ft. (5 per bundle)	9	\$612.54	1		P		R
	F1922000	2" Uponor AquaPEX White, 20-ft. straight length, 100 ft. (5 per bundle)	9	\$1,250.03	1		P		R
	F1922500	2½" Uponor AquaPEX White, 20-ft. straight lengths, 60 ft. (3 per bundle)	9	\$1,014.29	1		P		
	F1923000	3" Uponor AquaPEX White, 20-ft. straight length, 40 ft. (2 per bundle)	9	\$897.07	1		P		R
	F1930500	½" Uponor AquaPEX White, 20-ft. straight length, 500 ft. (25 per bundle)	9	\$363.56	1		P	F	R
	F1930750	¾" Uponor AquaPEX White, 20-ft. straight length, 300 ft. (15 per bundle)	9, 38	\$436.10	1		P	F	R
	F1961002	1" Uponor AquaPEX Purple Reclaimed Water, 10-ft. straight length, 100 ft. (10 per bundle)	11	\$272.49	1				
	F1961256	1¼" Uponor AquaPEX Purple Reclaimed Water, 20-ft. straight length, 100 ft. (5 per bundle)	11	\$498.75	1		P		
	F1961502	1½" Uponor AquaPEX Purple Reclaimed Water, 20-ft. straight length, 100 ft. (5 per bundle)	11	\$642.25	1				

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New or discount.	Part number	Description	Page number	2018 list price (ea.)	Pkg. qty.	Alternative part number	Product application category		
							Plumbing	Fire	Radiant
	F1962002	2" Uponor AquaPEX Purple Reclaimed Water, 20-ft. straight length, 100 ft. (5 per bundle)	11	\$1,286.75	1		P		
	F2040500	½" Uponor AquaPEX Red, 100-ft. coil	9	\$75.11	1		P		
	F2040750	¾" Uponor AquaPEX Red, 100-ft. coil	9	\$150.24	1		P		
	F2041000	1" Uponor AquaPEX Red, 100-ft. coil	9	\$265.18	1		P		
	F2060500	½" Uponor AquaPEX Red, 300-ft. coil	9	\$225.32	1		P		
	F2060750	¾" Uponor AquaPEX Red, 300-ft. coil	9	\$450.74	1		P		
	F2061000	1" Uponor AquaPEX Red, 300-ft. coil	9	\$795.54	1		P		
	F2100750	¾" Uponor AquaPEX Red, 500-ft. coil	9	\$751.23	1		P		
	F2101000	1" Uponor AquaPEX Red, 500-ft. coil	9	\$1,325.91	1		P		
	F2120500	½" Uponor AquaPEX Red, 1,000-ft. coil	9	\$751.08	1		P		
	F2811220	2" x 4" Copper Valved Manifold with R20 Threaded Ball Valves, 12 outlets	74	\$1,110.68	1			R	
	F2811225	2" x 4" Copper Valved Manifold with R25 Threaded Ball Valves, 12 outlets	74	\$1,519.84	1			R	
	F2821220	2" x 4" Copper Valved Manifold with R20 Threaded Ball and Balancing Valves, 12 outlets	74	\$1,867.01	1			R	
	F2821225	2" x 4" Copper Valved Manifold with R25 Threaded Ball and Balancing Valves, 12 outlets	74	\$1,527.21	1			R	
	F2921000	1" Uponor AquaPEX Red, 20-ft. straight length, 200 ft. (10 per bundle)	9	\$538.29	1		P		
	F2930500	½" Uponor AquaPEX Red, 20-ft. straight length, 500 ft. (25 per bundle)	9	\$381.37	1		P		
	F2930750	¾" Uponor AquaPEX Red, 20-ft. straight length, 300 ft. (15 per bundle)	9	\$450.74	1		P		
	F3040500	½" Uponor AquaPEX Blue, 100-ft. coil	10	\$75.11	1		P		
	F3040750	¾" Uponor AquaPEX Blue, 100-ft. coil	10	\$150.24	1		P		
	F3041000	1" Uponor AquaPEX Blue, 100-ft. coil	10	\$265.18	1		P		
	F3060500	½" Uponor AquaPEX Blue, 300-ft. coil	10	\$225.32	1		P		
	F3060750	¾" Uponor AquaPEX Blue, 300-ft. coil	10	\$450.74	1		P		
	F3061000	1" Uponor AquaPEX Blue, 300-ft. coil	10	\$795.54	1		P		
	F3100750	¾" Uponor AquaPEX Blue, 500-ft. coil	10	\$751.23	1		P		
	F3101000	1" Uponor AquaPEX Blue, 500-ft. coil	10	\$1,325.91	1		P		
	F3120500	½" Uponor AquaPEX Blue, 1,000-ft. coil	10	\$751.08	1		P		
	F3921000	1" Uponor AquaPEX Blue, 20-ft. straight length, 200 ft. (10 per bundle)	10	\$538.29	1		P		
	F3930500	½" Uponor AquaPEX Blue, 20-ft. straight length, 500 ft. (25 per bundle)	10	\$381.37	1		P		
	F3930750	¾" Uponor AquaPEX Blue, 20-ft. straight length, 300 ft. (15 per bundle)	10	\$450.74	1		P		
	F4350500	½" Protective Tubing Cap	129	\$0.73	50		P	F	R
	F4350625	¾" Protective Tubing Cap	129	\$0.65	50				R
	F4350750	1" Protective Tubing Cap	129	\$1.45	50		P	F	R
	F4351000	1" Protective Tubing Cap	129	\$1.60	50		P	F	R
	F4440500	½" Compression Ring (brass)	30	\$1.62	10		P		

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New or discount.	Part number	Description	Page number	2018 list price (ea.)	Pkg. qty.	Alternative part number	Product application category			
							Plumbing	Fire	Radiant	Ecoflex
	F5120375	¾" Metal Drop Ear Bend Support	128	\$11.15	25		P		R	
	F5120500	½" Metal Drop Ear Bend Support	128	\$11.37	25		P			
	F5140500	½" Metal Straight-through Support	128	\$13.58	25		P	F	R	
	F5200375	¾" Plastic Drop Ear Bend Support	127	\$4.48	25		P			
	F5200500	½" Plastic Drop Ear Bend Support	127	\$4.56	25		P			
	F5400250	¼" insert (stainless steel)	35	\$1.14	10		P			
	F5400500	½" insert (stainless steel)	30	\$2.75	10		P		R	
	F5600500	Chrome Finishing Sleeve for ½" PEX (1½" O.D.)	30	\$8.92	25		P			
	F5630001	2½" Stem Extension Kit for ½" and ¾" Valves	31, 77	\$26.16	1		P			
	F5630002	2½" Stem Extension Kit for 1" and 1½" Valves	31, 77	\$28.38	1		P			
	F5630003	2½" Stem Extension Kit for 1½" and 2" Valves	31, 77	\$51.20	1		P			
	F5650500	ProPEX Escutcheon for ½" PEX (1½" O.D.), chrome-plated	30	\$15.28	25		P			
	F5670500	ProPEX Escutcheon for ½" PEX (1½" O.D.), white	30	\$4.24	25		P			
	F5700002	Steel Plate Protector, 100/pkg.	131	\$61.09	1		P	F	R	
	F5801000	Single-tube PEX Stand-up Bracket for ½" PEX	128	\$13.58	60		P		R	
	F5805000	Five-tube PEX Stand-up Bracket for ½" PEX	128	\$67.10	16		P		R	
	F6040500	½" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	12, 113	\$432.59	1		P			
	F6040750	¾" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	12, 113	\$514.78	1		P			
	F6041000	1" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	12, 113	\$622.47	1		P			
	F6041250	1¼" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	12, 113	\$982.75	1		P			
Disc.	F6041500	1½" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	12, 113	\$1,117.28	1		P			
	F6042000	2" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	12, 113	\$1,943.27	1		P			
	F6150500	½" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	12, 113	\$495.44	1		P			
	F6150750	¾" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	12, 113	\$591.17	1		P			
	F6151000	1" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	12, 113	\$719.89	1		P			
	F6151250	1¼" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil	12, 113	\$1,010.71	1		P			
	F6161500	1½" Pre-insulated Uponor AquaPEX with 1½" insulation, 75-ft. coil	12, 113	\$1,115.59	1		P			
	F6162000	2" Pre-insulated Uponor AquaPEX with 1½" insulation, 75-ft. coil	12, 113	\$1,348.00	1		P			
Disc.	F6921250	1¼" Pre-insulated Uponor AquaPEX with ½" insulation, 20-ft. straight length, 100 ft.	12, 113	\$982.75	1					
Disc.	F6921500	1½" Pre-insulated Uponor AquaPEX with ½" insulation, 20-ft. straight length, 100 ft.	12, 113	\$1,117.28	1					
Disc.	F6922000	2" Pre-insulated Uponor AquaPEX with ½" insulation, 20-ft. straight length, 100 ft.	12, 113	\$1,943.27	1		P			
	F7000005	Fire Sprinkler Adapter Push-on Nut, 25/pkg.	39	\$79.26	1			F		
	F7001500	Screws, #10 x 1½", Pan Head, Full Thread, 100/pkg.	39	\$31.71	1			F		
	F7040500	½" PEX-a Pipe Support, 9-ft. length	14, 54, 127	\$18.11	5		P		R	
	F7040750	¾" PEX-a Pipe Support, 9-ft. length	14, 54, 127	\$23.03	5		P		R	
	F7041000	1" PEX-a Pipe Support, 9-ft. length	14, 54, 127	\$25.33	5		P		R	
	F7041250	1¼" PEX-a Pipe Support, 9-ft. length	14, 54, 127	\$29.17	5		P		R	

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New or discount.	Part number	Description	Page number	2018 list price (ea.)	Pkg. qty.	Alternative part number	Product application category		
							Plumbing	Fire	Radiant
	F7041500	1½" PEX-a Pipe Support, 9-ft. Length	14, 54, 127	\$34.87	5		P		R
	F7042000	2" PEX-a Pipe Support, 9-ft. Length	14, 54, 127	\$38.32	5		P		R
	F7042500	2½" PEX-a Pipe Support, 9-ft. Length	14, 54, 127	\$49.34	5		P		R
	F7043000	3" PEX-a Pipe Support, 9-ft. Length	14, 54, 127	\$52.74	5		P		R
	F7043500	3½" PEX-a Pipe Support, 9-ft. Length	14, 54, 127	\$56.76	5		P		R
	F7050375	Tube Talon (5/8" PEX), 100/pkg.	129	\$42.22	1		P		R
	F7050750	Tube Talon (1/2", 5/8", 3/4" PEX), 100/bag	129	\$39.40	1		P	F	R
	F7051000	Tube Talon (1" PEX), 50/pkg.	129	\$45.91	1		P	F	R
	F7051001	1" PEX Clip, 100/pkg.	129	\$231.25	1		P	F	R
	F7051258	1½" PEX Clip, 100/pkg.	129	\$200.75	1		P	F	R
	F7057500	¾" PEX Clip, 100/pkg.	129	\$354.81	1		P	F	R
	F7060375	¾" PEX Clip, 100/pkg.	129	\$132.32	1		P		R
	H1210625	5/8" Uponor helioPEX X2, 400-ft. coil	51	\$366.00	1				R
	H1220500	1/2" Uponor helioPEX X2, 1,000-ft. coil	51	\$530.00	1				R
	H1220625	5/8" Uponor helioPEX X2, 1,000-ft. coil	51	\$915.20	1				R
	H1240500	1/2" Uponor helioPEX X2, 500-ft. coil	51	\$265.00	1				R
	H1240750	¾" Uponor helioPEX X2, 500-ft. coil	51	\$655.20	1				R
	H1250500	1/2" Uponor helioPEX X2, 300-ft. coil	51	\$159.00	1				R
	H1250750	¾" Uponor helioPEX X2, 300-ft. coil	51	\$393.10	1				R
	LF2801050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 4 outlets	35	\$106.20	1		P		
	LF2811050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 6 outlets	35	\$146.95	1		P		
	LF2821050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 8 outlets	35	\$185.05	1		P		
	LF2831050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 10 outlets	35	\$230.92	1		P		
	LF2841050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 12 outlets	35	\$283.71	1		P		
	LF2855050	ProPEX LF Copper Stub Ell, 1/2" PEX LF Brass x 1/2" Copper (13" x 8")	34	\$30.77	25		P		
	LF2865050	ProPEX LF Copper Stub Ell, 1/2" PEX LF Brass x 1/2" Copper (3 1/2" x 8")	34	\$21.19	25		P		
	LF2875050	ProPEX LF Copper Tub Ell, 1/2" PEX LF Brass x 1/2" Copper (3" x 6")	33	\$19.54	25		P		
	LF2885050	ProPEX LF Copper Tub Ell, 1/2" PEX LF Brass x 1/2" Copper (3" x 4")	33	\$19.72	25		P		
	LF2891010	ProPEX LF Copper Stub Ell, 1" PEX x 1" Copper (13" x 16")	34	\$60.00	1		P		
	LF2895050	ProPEX LF Copper Stub Ell, 1/2" PEX LF Brass x 1/2" Copper (8" x 13")	34	\$31.61	25		P		
	LF2897575	ProPEX LF Copper Stub Ell, 3/4" PEX LF Brass x 1/2" Copper (4" x 8")	34	\$48.33	25		P		
	LF2935050	ProPEX LF Copper Straight Stub, 1/2" PEX LF Brass x 1/2" Copper (8")	34	\$23.57	25		P		
	LF2945050	ProPEX LF Copper Straight Stub, 1/2" PEX LF Brass x 1/2" Copper (15")	34	\$28.20	25		P		
	LF2957575	ProPEX LF Water Heater Adapter, 3/4" PEX LF Brass x 3/4" FIP x 18"	27	\$63.40	20		P		
	LF2962525	ProPEX LF Copper Straight Stub, 2 1/2" PEX LF Brass x 2 1/2" Copper	34	\$503.50	1		P		
	LF2963030	ProPEX LF Copper Straight Stub, 3" PEX LF Brass x 3" Copper	34	\$763.20	1		P		

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New or discount.	Part number	Description	Page number	2018 list price (ea.)	Pkg. qty.	Alternative part number	Product application category			
							Plumbing	Fire	Radiant	Ecoflex
	LF2982525	ProPEX LF Brass Flange Adapter Kit, 2 1/2" PEX (150 lb.)	28, 98	\$412.30	1		P			
	LF2983030	ProPEX LF Brass Flange Adapter Kit, 3" PEX (150 lb.)	28, 98	\$556.50	1		P			
	LF4125050	ProPEX LF Brass Elbow, 1/2" PEX x 1/2" MIP	20, 88	\$18.51	25		P		R	
	LF4231010	ProPEX Drop Ear LF Brass Elbow, 1" PEX x 1" FIP	20	\$59.30	4		P			
	LF4235038	ProPEX Drop Ear LF Brass Elbow, 1/2" PEX x 3/4" FIP	20	\$22.16	25		P			
	LF4235050	ProPEX Drop Ear LF Brass Elbow, 1/2" PEX x 1/2" FIP	20	\$17.91	25		P			
	LF4237575	ProPEX Drop Ear LF Brass Elbow, 3/4" PEX x 3/4" FIP	20	\$39.40	4		P			
	LF4410500	LF Brass Compression Angle Stop Valve for 1/2" PEX	30	\$25.63	10		P			
	LF4420500	LF Brass Compression Straight Stop Valve for 1/2" PEX	30	\$30.80	10	F4420500	P			
	LF4455050	ProPEX LF Brass In-line Ice Maker Tee, 1/2" PEX x 1/2" PEX x 1/4" O.D. compression	32	\$53.80	10		P			
	LF4501010	ProPEX LF Brass Fitting Adapter, 1" PEX x 1" Copper	27	\$19.94	10		P		R	E
	LF4501313	ProPEX LF Brass Fitting Adapter, 1 1/4" PEX x 1 1/4" Copper	27	\$48.10	1		P		R	E
	LF4501515	ProPEX LF Brass Fitting Adapter, 1 1/2" PEX x 1 1/2" Copper	27	\$76.98	1	Q4501515	P		R	E
	LF4502020	ProPEX LF Brass Fitting Adapter, 2" PEX x 2" Copper	27	\$222.26	1		P	F		
	LF4505050	ProPEX LF Brass Fitting Adapter, 1 1/2" PEX x 1 1/2" Copper	27	\$5.17	25		P		R	
	LF4505075	ProPEX LF Brass Fitting Adapter, 1 1/2" PEX x 3/4" Copper	27, 96	\$11.41	25		P		R	
	LF4507510	ProPEX LF Brass Fitting Adapter, 3/4" PEX x 1" Copper	27	\$24.70	10		P			
	LF4507550	ProPEX LF Brass Fitting Adapter, 3/4" PEX x 1/2" Copper	27	\$15.23	25		P			
	LF4507575	ProPEX LF Brass Fitting Adapter, 3/4" PEX x 3/4" Copper	27	\$10.99	25		P		R	
	LF4511010	ProPEX LF Brass Sweat Adapter, 1" PEX x 1" Copper	26, 46	\$20.17	10		P	F	R	E
	LF4511313	ProPEX LF Brass Sweat Adapter, 1 1/4" PEX x 1 1/4" Copper	26, 46	\$52.35	1		P	F	R	E
	LF4511515	ProPEX LF Brass Sweat Adapter, 1 1/2" PEX x 1 1/2" Copper	26	\$77.38	1		P		R	E
	LF4512020	ProPEX LF Brass Sweat Adapter, 2" PEX x 2" Copper	26	\$222.26	1		P			E
	LF4512525	ProPEX LF Brass Sweat Adapter, 2 1/2" PEX x 2 1/2" Copper	26, 95	\$386.90	1		P			
	LF4513030	ProPEX LF Brass Sweat Adapter, 3" PEX x 3" Copper	26, 95	\$609.50	1		P			
	LF4513850	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 1/2" Copper	26, 95	\$11.52	25		P			
	LF4515050	ProPEX LF Brass Sweat Adapter, 1/2" PEX x 1/2" Copper	26	\$5.28	25		P		R	
	LF4515075	ProPEX LF Brass Sweat Adapter, 1/2" PEX x 3/4" Copper	26, 95	\$10.36	25		P		R	
	LF4517510	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 1" Copper	26	\$23.88	10		P			
	LF4517550	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 1/2" Copper	26	\$18.12	25		P			
	LF4517575	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 3/4" Copper	26, 46	\$11.98	25		P	F	R	
	LF4521010	ProPEX LF Brass Male Threaded Adapter, 1" PEX x 1" NPT	25, 46	\$30.92	10		P	F	R	E
	LF4521075	ProPEX LF Brass Male Threaded Adapter, 1" PEX x 3/4" NPT	25	\$27.17	10		P			
	LF4521313	ProPEX LF Brass Male Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	25, 46	\$72.43	1		P	F	R	E
	LF4521515	ProPEX LF Brass Male Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	25	\$83.35	1	Q4521515	P	F	R	E
	LF4522020	ProPEX LF Brass Male Threaded Adapter, 2" PEX x 2" NPT	25	\$246.97	1		P			E
	LF4522525	ProPEX LF Brass Male Threaded Adapter, 2 1/2" PEX x 2 1/2" NPT	25, 93	\$450.50	1		P			

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							Plumbing	Fire	Radiant
	LF4523030	ProPEX LF Brass Male Threaded Adapter, 3" PEX x 3" NPT	25, 93	\$657.20	1		P		
	LF4523850	ProPEX LF Brass Male Threaded Adapter, 3/8" PEX x 1/2" NPT	25, 93	\$13.86	25		P		
	LF4525050	ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 1/2" NPT	25	\$7.32	25		P		R
	LF4525075	ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 3/4" NPT	25, 93	\$17.86	25		P		
	LF4527510	ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 1" NPT	25	\$26.78	10		P		
	LF4527575	ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	25, 46	\$13.63	25		P	F	R
	LF4541010	ProPEX LF Brass Coupling, 1" PEX x 1" PEX	18, 85	\$9.52	10	Q4771010, Q4541010	P	F	E
	LF4543850	ProPEX LF Brass Coupling, 3/8" PEX x 1/2" PEX	18, 85	\$13.10	25		P		
	LF4545050	ProPEX LF Brass Coupling, 1/2" PEX x 1/2" PEX	18, 85	\$4.20	25	Q4775050	P	F	
	LF4545075	ProPEX LF Brass Coupling, 1/2" PEX x 3/4" PEX	18	\$8.80	25		P		R
	LF4547510	ProPEX LF Brass Coupling, 3/4" PEX x 1" PEX	18, 85	\$12.42	10	Q4777510	P	F	
	LF4547575	ProPEX LF Brass Coupling, 3/4" PEX x 3/4" PEX	18, 85	\$6.87	25	Q4777575, G4547575	P	F	
	LF4571010	ProPEX LF Brass Female Threaded Adapter, 1" PEX x 1" NPT	26, 46	\$36.35	10		P	F	R
	LF4571313	ProPEX LF Brass Female Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	26, 46	\$78.33	1		P	F	R
	LF4571515	ProPEX LF Brass Female Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	26	\$131.72	1		P	F	R
	LF4572020	ProPEX LF Brass Female Threaded Adapter, 2" PEX x 2" NPT	26	\$304.60	1		P		R
	LF4575050	ProPEX LF Brass Female Threaded Adapter, 1/2" PEX x 1/2" NPT	26	\$16.88	25		P		
	LF4575075	ProPEX LF Brass Female Threaded Adapter, 1/2" PEX x 3/4" NPT	26, 94	\$22.78	25		P		
	LF4577510	ProPEX LF Brass Female Threaded Adapter, 3/4" PEX x 1" NPT	26	\$57.63	10		P		
	LF4577575	ProPEX LF Brass Female Threaded Adapter, 3/4" PEX x 3/4" NPT	26, 46	\$17.03	25		P	F	R
	LF4585050	ProPEX LF Brass to PB Coupling, 1/2" PEX x 1/2" PB	19	\$14.14	25		P		
	LF4587575	ProPEX LF Brass to PB Coupling, 3/4" PEX x 3/4" PB	19	\$23.59	25		P		
	LF4591010	ProPEX LF Brass to PE Coupling, 1" PEX x 1" PE	19	\$36.23	10		P		
	LF4655050	ProPEX LF Brass Swivel Faucet Adapter, 1/2" PEX x 1/2" NPSM	24	\$17.28	25	Q4360500, Q4655050	P		
	LF4701010	ProPEX LF Brass Tee, 1" PEX x 1" PEX x 1" PEX	20, 88	\$25.23	10	Q4751010	P	F	E
	LF4701150	ProPEX LF Brass Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	21, 89	\$25.23	10	Q4751150	P	F	
	LF4701175	ProPEX LF Brass Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	21, 89	\$25.23	10	Q4751175	P	F	
	LF4701751	ProPEX LF Brass Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	21, 89	\$25.92	10	Q4751751	P	F	
	LF4701775	ProPEX LF Brass Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	21, 89	\$25.42	10	Q4751775	P	F	
	LF4705050	ProPEX LF Brass Tee, 1/2" PEX x 1/2" PEX x 1/2" PEX	20, 88	\$12.91	25	Q4755050	P	F	
	LF4707550	ProPEX LF Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX	21, 89	\$20.99	25	Q4757550	P	F	
	LF4707575	ProPEX LF Brass Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX	20, 88	\$20.99	25	Q4757575	P	F	
	LF4707710	ProPEX LF Brass Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX	21, 89	\$31.72	10	Q4757710	P	F	
	LF4710750	ProPEX LF Brass Elbow, 3/4" PEX x 3/4" PEX	19, 87	\$15.43	25	Q4760750	P	F	
	LF4711000	ProPEX LF Brass Elbow, 1" PEX x 1" PEX	19, 87	\$16.54	10	Q4761000	P	F	E
	LF4730500	ProPEX LF Brass Elbow, 1/2" PEX x 1/2" Male CU	20, 88	\$13.54	10		P		

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							Plumbing	Fire	Radiant
	LF4785025	ProPEX LF Brass Ice Maker Valve, 1/2" PEX x 1/4" O.D. (angle)	32	\$19.96	10		P		
	LF4786025	ProPEX LF Brass Ice Maker Valve, 1/2" PEX x 1/4" O.D. (straight)	32	\$23.20	10		P		
	LF4795050	ProPEX LF Brass Ball Valve, 1/2" PEX x 1/2" MIP	31	\$42.18	10		P		
	LF4805050	ProPEX LF Brass Ball Valve, 1/2" PEX x 1/2" Copper Adapter	32	\$24.27	10	Q4805050	P		
	LF4807575	ProPEX LF Brass Ball Valve, 3/4" PEX x 3/4" Copper Adapter	32	\$43.01	10		P		
	LF4815050	ProPEX LF Brass Ball Valve, 1/2" PEX x 1/2" PEX	31	\$29.42	10	Q4905050	P		
	LF4815055	ProPEX LF Brass Stop and Drain Ball Valve, (0.44" bore) 1/2" PEX	29	\$47.98	10		P		
	LF4817575	ProPEX LF Brass Ball Valve, 3/4" PEX x 3/4" PEX	31	\$35.58	10	Q4837575, LF4827575	P		
	LF4817580	ProPEX LF Brass Stop and Drain Ball Valve, (0.44" bore) 3/4" PEX	29	\$55.41	10		P		
	LF4855038	ProPEX LF Brass Angle Stop Valve (full port), 1/2" PEX	29	\$11.48	10	Q4905038	P		
	LF4865038	ProPEX LF Brass Straight Stop Valve (full port), 1/2" PEX	29	\$12.85	10	Q4935038	P		
	LF4975038	ProPEX LF Brass Connector, 1/2" PEX x 3/8" O.D. (straight adapter)	29	\$8.33	25		P		
	LF5930500	ProPEX Washing Machine Outlet Box, 1/2" LF Brass Valves	34	\$108.32	12		P		
	LF5955025	ProPEX Ice Maker Box with Support Brackets, 1/2" LF Brass Valve	35	\$63.94	12		P		
	LF73000WH	LF Recessed Pendant Sprinkler, 155F, 3.0 K-factor, White	40	\$87.83	5		F		
	LF73001WH	LF Recessed Pendant Sprinkler, 175F, 3.0 K-factor, White	40	\$87.83	5		F		
	LF74000HS	LF Flat Concealed Horizontal Sidewall Sprinkler, 165F, 4.0 K-factor	40	\$192.13	5		F		
	LF74300HW	LF Recessed Horizontal Sidewall Sprinkler, 155F, 4.2 K-factor, White	40	\$89.21	5		F		
	LF74301HW	LF Recessed Horizontal Sidewall Sprinkler, 175F, 4.2 K-factor, White	40	\$89.21	5		F		
	LF74900WH	LF Recessed Pendant Sprinkler, 155F, 4.9 K-factor, White	40	\$87.83	5		F		
	LF74901WH	LF Recessed Pendant Sprinkler, 175F, 4.9 K-factor, White	40	\$87.83	5		F		
	LF74970FC	LF RC-RES (162F) Flat Concealed Sprinkler	40, 42	\$64.50	50		F		
	LF74971FW	LF RC-RES (175F) Flat Concealed Sprinkler with White Cover Plate	40, 42	\$116.64	5		F		
	LF7701010	ProPEX LF Brass Fire Sprinkler Adapter Tee, 1" PEX x 1" PEX x 1/2" FNPT	39	\$61.96	5		F		
	LF7707575	ProPEX LF Brass Fire Sprinkler Adapter Tee, 3/4" PEX x 3/4" PEX x 1/2" FNPT	39	\$57.64	5		F		
	LF7711050	ProPEX LF Brass Fire Sprinkler Adapter Elbow, 1" PEX x 1/2" FNPT	39	\$44.52	5		F		
	LF7717550	ProPEX LF Brass Fire Sprinkler Adapter Elbow, 3/4" PEX x 1/2" FNPT	39	\$42.85	5		F		
	LFC4821010	ProPEX LF Brass Commercial Ball Valve (full port), 1" PEX x 1" PEX	31	\$60.56	1		P	R	
	LFC4821313	ProPEX LF Brass Commercial Ball Valve (full port), 1 1/4" PEX x 1 1/4" PEX	31	\$96.90	1		P	R	
	LFC4821515	ProPEX LF Brass Commercial Ball Valve (full port), 1 1/2" PEX x 1 1/2" PEX	31	\$149.39	1		P	R	
	LFC4822020	ProPEX LF Brass Commercial Ball Valve (full port), 2" PEX x 2" PEX	31	\$258.40	1		P	R	
	LFC4825050	ProPEX LF Brass Commercial Ball Valve (full port), 1/2" PEX x 1/2" PEX	31	\$33.92	10		P	R	
	LFC4827575	ProPEX LF Brass Commercial Ball Valve (full port), 3/4" PEX x 3/4" PEX	31	\$41.31	10		P	R	
	LFV2962020	ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2" CTS Groove	24, 97	\$95.72	1		P	R	
	LFV2962025	ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2 1/2" CTS Groove	24, 97	\$96.83	1		P	R	
	LFV2962525	ProPEX LF Groove Fitting Adapter, 2 1/2" PEX LF Brass x 2 1/2" CTS Groove	24, 97	\$144.69	1		P	R	
	LFV2963030	ProPEX LF Groove Fitting Adapter, 3" PEX LF Brass x 3" CTS Groove	24, 97	\$211.47	1		P	R	

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New or discount.	Part number	Description	Page number	2018 list price (ea.)	Pkg. qty.	Alternative part number	Product application category			
							Plumbing	Fire	Radiant	Ecoflex
	LFV2972020	ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2" IPS Groove	24, 97	\$95.72	1		P		R	
	LFV2972025	ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2 1/2" IPS Groove	24, 97	\$96.83	1		P		R	
	LFV2972520	ProPEX LF Groove Fitting Adapter, 2 1/2" PEX LF Brass x 2" IPS Groove	24, 97	\$142.46	1		P		R	
	LFV2972525	ProPEX LF Groove Fitting Adapter, 2 1/2" PEX LF Brass x 2 1/2" IPS Groove	24, 97	\$144.69	1		P		R	
	LFV2972530	ProPEX LF Groove Fitting Adapter, 2 1/2" PEX LF Brass x 3" IPS Groove	24, 97	\$183.65	1		P		R	
	LFV2973025	ProPEX LF Groove Fitting Adapter, 3" PEX LF Brass x 2 1/2" IPS Groove	24, 97	\$194.78	1		P		R	
	LFV2973030	ProPEX LF Groove Fitting Adapter, 3" PEX LF Brass x 3" IPS Groove	24, 97	\$211.47	1		P		R	
	M2306060000	1/2" Wirsbo hePEX Radiant Rollout Mat (6" o.c.), 5 loop	52	Call for pricing	1				R	
	M2309054000	1/2" Wirsbo hePEX Radiant Rollout Mat (9" o.c.), 3 loop	52	Call for pricing	1				R	
	M2312072000	1/2" Wirsbo hePEX Radiant Rollout Mat (12" o.c.), 3 loop	52	Call for pricing	1				R	
	M2406060000	5/8" Wirsbo hePEX Radiant Rollout Mat (6" o.c.), 5 loop	52	Call for pricing	1				R	
	M2409054000	5/8" Wirsbo hePEX Radiant Rollout Mat (9" o.c.), 3 loop	52	Call for pricing	1				R	
	M2412072000	5/8" Wirsbo hePEX Radiant Rollout Mat (12" o.c.), 3 loop	52	Call for pricing	1				R	
	Q2077550	3/4" EP Branch Multi-port Elbow, 7 outlets with mounting clips	17	\$65.34	1		P			
	Q2087550	3/4" EP Branch Multi-port Elbow, 8 outlets with mounting clips	17	\$68.61	1	Q2287550, Q2387550, LF2827550	P			
	Q2101000	1" EP Branch Multi-port Elbow, 10 outlets with mounting clips	17	\$73.73	1	Q2101051, LF2837550	P			
	Q2101051	1" EP Branch Multi-port Tee, 10 outlets with mounting clips	17	\$70.51	1	LF2837550, Q2101000	P			
	Q2121051	1" EP Branch Multi-port Tee, 12 outlets with mounting clips	17	\$76.91	1		P			
	Q2227557	EP Flow-through Multi-port Tee, 2 outlets, 3/4" x 3/4" ProPEX	15	\$11.80	10		P			
	Q2231057	EP Flow-through Multi-port Tee, 3 outlets, 1" x 3/4" ProPEX	15	\$29.91	10		P			
	Q2231373	EP Flow-through Multi-port Tee, 3 (3/4") outlets, 1 1/4" x 1 1/4" ProPEX	17	\$57.88	1		P		R	
	Q2231375	1 1/4" EP Branch Multi-port Tee, 3 (3/4") outlets	17	\$57.88	1		P		R	
	Q2232102	EP Flow-through Multi-port Tee, 3 (1") outlets, 2" x 2" ProPEX	17	\$251.47	1		P			
	Q2235577	EP Flow-through Multi-port Elbow, 3 outlets, 3/4" x 3/4" ProPEX	16	\$36.85	10		P			
	Q2237550	3/4" EP Branch Multi-port Tee, 3 outlets	14	\$13.80	10	LF2807550, Q2347550	P			
	Q2237557	EP Flow-through Multi-port Tee, 3 outlets, 3/4" x 3/4" ProPEX	15	\$16.01	10		P			
	Q2237757	EP Flow-through Multi-port Vertical Tee, 3 outlets, 3/4" x 3/4" x 3/4" ProPEX	16	\$38.45	10		P			
	Q2241050	1" EP Branch Multi-port Tee, 4 outlets	14	\$36.28	10		P			
	Q2241051	EP Flow-through Multi-port Tee, 4 outlets, 1" x 1" ProPEX	15	\$36.28	10		P			
	Q2241057	EP Flow-through Multi-port Tee, 4 outlets, 1" x 3/4" ProPEX	15	\$36.28	10		P			
	Q2245577	EP Flow-through Multi-port Elbow, 4 outlets, 3/4" x 3/4" ProPEX	16	\$40.85	10		P			
	Q2247550	3/4" EP Branch Multi-port Tee, 4 outlets	14	\$20.02	10	Q2347550, LF2807550	P			
	Q2247557	EP Flow-through Multi-port Tee, 4 outlets, 3/4" x 3/4" ProPEX	15	\$20.02	10		P			
	Q2247577	EP Flow-through Multi-port Horizontal Tee, 4 outlets, 3/4" x 3/4" x 3/4" ProPEX	16	\$41.67	10		P			
	Q2247757	EP Flow-through Multi-port Vertical Tee, 4 outlets, 3/4" x 3/4" x 3/4" ProPEX	16	\$42.48	10		P			

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New or discount.	Part number	Description	Page number	2018 list price (ea.)	Pkg. qty.	Alternative part number	Product application category		
							Plumbing	Fire	Radiant
	Q2261050	1" EP Branch Multi-port Tee, 6 outlets	14	\$42.87	10	Q2267550, LF2817550	P		
	Q2261051	EP Flow-through Multi-port Tee, 6 outlets, 1" x 1" ProPEX	15	\$49.48	10		P		
	Q2261057	EP Flow-through Multi-port Tee, 6 outlets, 1" x 3/4" ProPEX	15	\$48.14	10		P		
	Q2267550	3/4" EP Branch Multi-port Tee, 6 outlets	14	\$24.17	10	Q2261050, LF2817550	P		
	Q2267557	EP Flow-through Multi-port Tee, 6 outlets, 3/4" x 3/4" ProPEX	15	\$24.17	10		P		
	Q2271051	1" EP Branch Multi-port Tee, 7 outlets with mounting clips	17	\$57.36	1		P		
	Q2277550	3/4" EP Branch Multi-port Tee, 7 outlets with mounting clips	17	\$57.69	1	Q2087550, Q2387550, LF2827550	P		
	Q2281051	1" EP Branch Multi-port Tee, 8 outlets with mounting clips	17	\$60.47	1		P		
	Q2287550	3/4" EP Branch Multi-port Tee, 8 outlets with mounting clips	17	\$60.03	1				
	Q2337550	3/4" EP Branch Opposing-port Multi-port Tee, 3 outlets	15	\$24.98	10		P		
	Q2337557	EP Flow-through Opposing-port Multi-port Tee, 3 outlets, 3/4" x 3/4" ProPEX	15	\$25.49	10		P		
	Q2347550	3/4" EP Branch Opposing-port Multi-port Tee, 4 outlets	15	\$32.06	10	Q2247550, LF2807550	P		
	Q2347557	EP Flow-through Opposing-port Multi-port Tee, 4 outlets, 3/4" x 3/4" ProPEX	15	\$33.65	10		P		
	Q2367557	EP Flow-through Opposing-port Multi-port Tee, 6 outlets, 3/4" x 3/4" ProPEX	15	\$41.67	10		P		
	Q2387550	3/4" EP Branch Opposing-port Multi-port Tee, 8 outlets	15	\$41.67	10	Q2087550, Q2287550, LF2827550	P		
	Q2811263	2" x 4" Copper Valved Manifold with 5/8" ProPEX Ball Valves, 12 outlets	74	\$1,197.38	1			R	
	Q2811275	2" x 4" Copper Valved Manifold with 3/4" ProPEX Ball Valves, 12 outlets	74	\$1,146.44	1			R	
	Q2821263	2" x 4" Copper Valved Manifold with 5/8" ProPEX Ball and Balancing Valves, 12 outlets	74	\$1,615.63	1			R	
	Q2821275	2" x 4" Copper Valved Manifold with 3/4" ProPEX Ball and Balancing Valves, 12 outlets	74	\$1,394.74	1			R	
	Q2831263	2" x 4" Copper Valveless Manifold with 5/8" ProPEX, 12 outlets	74	\$723.25	1			R	
	Q2831275	2" x 4" Copper Valveless Manifold with 3/4" ProPEX, 12 outlets	74	\$723.25	1			R	
	Q4020375	3/8" ProPEX Fitting Assembly, R20 Thread	56, 62, 68, 73	\$12.54	10			R	
	Q4020500	1/2" ProPEX Fitting Assembly, R20 Thread	56, 62, 68, 73	\$11.60	10			R	
	Q4020625	5/8" ProPEX Fitting Assembly, R20 Thread	56, 62, 68, 73	\$12.95	10			R	
	Q4020750	3/4" ProPEX Fitting Assembly, R20 Thread	56, 62, 68, 73	\$21.15	10			R	
	Q4030625	5/8" ProPEX Fitting Assembly, R25 thread	73	\$16.55	10			R	
	Q4030750	3/4" ProPEX Fitting Assembly, R25 Thread	73	\$27.52	10			R	
	Q4143210	ProPEX Manifold Straight Adapter, R32 x 1" ProPEX	56, 62, 71	\$40.53	10			R	
	Q4143213	ProPEX Manifold Straight Adapter, R32 x 1 1/4" ProPEX	56, 62, 71	\$38.66	10			R	
	Q4143215	ProPEX Manifold Straight Adapter, R32 x 1 1/2" ProPEX	56, 62, 71	\$49.32	10			R	
	Q4143275	ProPEX Manifold Straight Adapter, R32 x 3/4" ProPEX	56, 62, 71	\$40.15	10			R	
	Q4153210	ProPEX Manifold Elbow Adapter, R32 x 1" ProPEX	56, 62, 71	\$53.70	10			R	
	Q4153213	ProPEX Manifold Elbow Adapter, R32 x 1 1/4" ProPEX	56, 62, 71	\$54.66	10			R	
	Q4153215	ProPEX Manifold Elbow Adapter, R32 x 1 1/2" ProPEX	56, 62, 71	\$57.32	10			R	
	Q4153275	ProPEX Manifold Elbow Adapter, R32 x 3/4" ProPEX	56, 62, 71	\$52.94	10			R	
	Q4300250	AQUAPEX Riser Washer, 100/bag	30	\$48.46	1		P		

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							Plumbing	Fire	Radiant
	Q4340500	ProPEX EP Swivel Closet Adapter, 1/2" PEX x 7/8" Ballcock	24	\$8.79	25		P		
	Q4350500	ProPEX EP Plug for 1/2" PEX	23, 92	\$1.38	25		P		R
	Q4350750	ProPEX EP Plug for 3/4" PEX	23, 46, 92	\$2.35	25		P	F	R
	Q4351000	ProPEX EP Plug for 1" PEX	23, 46, 92	\$4.25	10		P	F	R
	Q4351250	ProPEX EP Plug for 1 1/4" PEX	23, 46, 92	\$16.50	1		P	F	R
	Q4351500	ProPEX EP Plug for 1 1/2" PEX	23, 92	\$24.76	1		P	F	R
	Q4352000	ProPEX EP Plug for 2" PEX	23, 92	\$33.72	1		P	F	R
	Q4360500	ProPEX EP Swivel Faucet Adapter, 1/2" PEX x 1/2" NPSM	24	\$4.52	25	LF4655050, Q4655050	P		
	Q4375075	ProPEX Baseboard Elbow, 1/2" PEX x 3/4" Copper Fitting Adapter	100	\$9.48	10				R
	Q4376375	ProPEX Baseboard Elbow, 5/8" PEX x 3/4" Copper Fitting Adapter	100	\$10.34	10				R
	Q4377575	ProPEX Baseboard Elbow, 3/4" PEX x 3/4" Copper Fitting Adapter	100	\$11.20	10				R
	Q4385075	ProPEX Baseboard Elbow, 1/2" PEX x 3/4" Copper Adapter	100	\$15.20	10				R
	Q4386375	ProPEX Baseboard Elbow, 5/8" PEX x 3/4" Copper Adapter	100	\$15.20	10				R
	Q4387575	ProPEX Baseboard Elbow, 3/4" PEX x 3/4" Copper Adapter	100	\$13.13	10				R
	Q4395075	ProPEX Baseboard Tee, 1/2" PEX x 3/4" Copper Adapter with 1/8" vent tapping	100	\$20.39	10				R
	Q4396375	ProPEX Baseboard Tee, 5/8" PEX x 3/4" Copper Adapter with 1/8" vent tapping	100	\$20.86	10				R
	Q4397575	ProPEX Baseboard Tee, 3/4" PEX x 3/4" Copper Adapter with 1/8" vent tapping	100	\$18.60	10				R
	Q440250	3/8" I.D. Delrin Ring, replacement part	30	\$0.19	50		P		
	Q4506350	ProPEX Brass Fitting Adapter, 5/8" PEX x 1/2" Copper	96	\$9.01	10				R
	Q4506375	ProPEX Brass Fitting Adapter, 5/8" PEX x 3/4" Copper	96	\$9.48	10				R
	Q4516350	ProPEX Brass Sweat Adapter, 5/8" PEX x 1/2" Copper	95	\$8.14	10				R
	Q4516375	ProPEX Brass Sweat Adapter, 5/8" PEX x 3/4" Copper	95	\$6.24	10				R
	Q4526375	ProPEX Brass Male Threaded Adapter, 5/8" PEX x 3/4" NPT	93	\$9.14	10				R
	Q4536383	ProPEX Brass Plug for 5/8" PEX	92	\$11.30	10				R
	Q4546383	ProPEX Brass Coupling, 5/8" PEX x 5/8" PEX	85	\$9.98	10	Q4776363			R
	Q4576375	ProPEX Brass Female Threaded Adapter, 5/8" PEX x 3/4" NPT	94	\$20.67	10				R
	Q4690302	ProPEX Ring, 3/8"	13, 85	\$0.43	50		P		R
	Q4690503	ProPEX Ring, 1/2" red	13	\$0.45	50				R
	Q4690504	ProPEX Ring, 1/2" blue	13	\$0.45	50				R
	Q4690512	ProPEX Ring with Stop, 1/2"	13, 85	\$0.43	50		P		R
	Q4690625	ProPEX Ring with Stop, 5/8"	85	\$0.66	50				R
	Q4690753	ProPEX Ring, 3/4" Red	13	\$0.65	50				R
	Q4690754	ProPEX Ring, 3/4" Blue	13	\$0.65	50				R
	Q4690756	ProPEX Ring with Stop, 3/4"	13, 38, 85	\$0.61	50		P	F	R
	Q4691000	ProPEX Ring with Stop, 1"	13, 38, 85	\$1.86	50		P	F	R
	Q4691003	ProPEX Ring, 1" Red	13	\$1.96	50				R

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							Plumbing	Fire	Radiant
	Q4691004	ProPEX Ring, 1" Blue	13	\$1.96	50				
	Q4691250	ProPEX Ring with Stop, 1½"	13, 38, 85	\$2.14	10		P	F	R
	Q4691500	ProPEX Ring with Stop, 1½"	13, 85	\$2.78	5		P		R
	Q4692000	ProPEX Ring with Stop, 2"	13, 85	\$4.44	10		P		R
	Q4692500	ProPEX Ring with Stop, 2½"	13, 85	\$5.13	5		P		R
	Q4693000	ProPEX Ring with Stop, 3"	13, 85	\$8.45	5		P		R
	Q4710625	ProPEX Brass Elbow, ⅝" PEX x ⅝" PEX	87	\$9.49	25				R
	Q4751010	ProPEX EP Tee, 1" PEX x 1" PEX x 1" PEX	20, 44, 88	\$11.12	10	LF4701010	P	F	R
	Q4751150	ProPEX EP Reducing Tee, 1" PEX x 1" PEX x ½" PEX	21, 45, 89	\$11.28	10	LF4701150	P	F	R
	Q4751175	ProPEX EP Reducing Tee, 1" PEX x 1" PEX x ¾" PEX	21, 45, 89	\$10.96	10	LF4701175	P	F	R
	Q4751311	ProPEX EP Reducing Tee, 1½" PEX x 1" PEX x 1" PEX	21, 45, 89	\$17.77	1		P	F	R
	Q4751313	ProPEX EP Tee, 1½" PEX x 1½" PEX x 1½" PEX	20, 44, 88	\$18.97	1		P	F	R
	Q4751317	ProPEX EP Reducing Tee, 1½" PEX x 1" PEX x ¾" PEX	21, 45, 89	\$14.81	1		P	F	R
	Q4751331	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x 1" PEX	21, 45, 89	\$18.44	1		P	F	R
	Q4751337	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x ¾" PEX	21, 45, 89	\$17.83	1		P	F	R
	Q4751350	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x ½" PEX	21, 45, 89	\$15.26	1		P	F	R
	Q4751505	ProPEX EP Reducing Tee, 1½" PEX x 1" PEX x 1½" PEX	21, 90	\$23.92	1		P		R
	Q4751511	ProPEX EP Reducing Tee, 1½" PEX x 1" PEX x 1" PEX	21, 89	\$22.40	1		P		R
	Q4751515	ProPEX EP Tee, 1½" PEX x 1½" PEX x 1½" PEX	20, 88	\$28.29	1		P		R
	Q4751517	ProPEX EP Reducing Tee, 1½" PEX x 1" PEX x ¾" PEX	21, 89	\$24.53	1		P		R
	Q4751531	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x 1" PEX	21, 90	\$25.27	1		P		R
	Q4751533	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x 1½" PEX	22, 90	\$26.87	1		P		R
	Q4751537	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x ¾" PEX	21, 90	\$24.39	1		P		R
	Q4751550	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x ½" PEX	22, 90	\$23.25	1		P		R
	Q4751551	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x 1" PEX	22, 90	\$23.60	1		P		R
	Q4751553	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x ¾" PEX	22, 90	\$25.53	1		P		R
	Q4751557	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x ¾" PEX	22, 90	\$25.87	1		P		R
	Q4751751	ProPEX EP Reducing Tee, 1" PEX x ¾" PEX x 1" PEX	21, 45, 89	\$11.59	10	LF4701751	P	F	R
	Q4751775	ProPEX EP Reducing Tee, 1" PEX x ¾" PEX x ¾" PEX	21, 45, 89	\$11.04	10	LF4701775	P	F	R
	Q4752000	ProPEX EP Tee, 2" PEX x 2" PEX x 2" PEX	20, 88	\$72.00	1		P		R
	Q4752051	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 1" PEX	22, 90	\$58.50	1		P		R
	Q4752053	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 1½" PEX	22, 90	\$71.10	1		P		R
	Q4752055	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 1½" PEX	22, 90	\$77.22	1		P		R
	Q4752152	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 2" PEX	22, 90	\$60.50	1		P		R
	Q4752210	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1" PEX	22, 90	\$63.00	1		P		R
	Q4752213	ProPEX EP Reducing Tee, 2" x 2" x 1½"	22, 90	\$68.41	1		P		R
	Q4752215	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1½" PEX	22, 90	\$63.00	1		P		R

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New or discount.	Part number	Description	Page number	2018 list price (ea.)	Pkg. qty.	Alternative part number	Product application category			
							Plumbing	Fire	Radiant	Ecoflex
	Q4752250	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1/2" PEX	22, 90	\$85.35	1		P		R	
	Q4752275	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 3/4" PEX	22, 90	\$86.40	1		P		R	
	Q4752500	ProPEX EP Tee, 2 1/2" PEX x 2 1/2" PEX x 2 1/2" PEX	20, 88	\$145.60	1		P			
	Q4752510	ProPEX EP Reducing Tee, 2 1/2" PEX x 2 1/2" PEX x 1" PEX	22, 90	\$124.80	1		P			
	Q4752513	ProPEX EP Reducing Tee, 2 1/2" PEX x 2 1/2" PEX x 1 1/4" PEX	22, 90	\$135.20	1		P			
	Q4752515	ProPEX EP Reducing Tee, 2 1/2" PEX x 2 1/2" PEX x 1 1/2" PEX	22, 90	\$135.20	1		P			
	Q4752520	ProPEX EP Reducing Tee, 2 1/2" PEX x 2 1/2" PEX x 2" PEX	22, 90	\$135.20	1		P			
	Q4752522	ProPEX EP Reducing Tee, 2 1/2" PEX x 2" PEX x 2" PEX	22, 90	\$135.20	1		P			
	Q4752525	ProPEX EP Reducing Tee, 2 1/2" PEX x 2" PEX x 1 1/2" PEX	22, 90	\$135.20	1		P			
	Q4752557	ProPEX EP Reducing Tee, 2 1/2" PEX x 2 1/2" PEX x 3/4" PEX	22, 90	\$104.00	1		P			
	Q4752575	ProPEX EP Reducing Tee, 2" PEX x 1 1/2" PEX x 3/4" PEX	22, 90	\$75.60	1		P		R	
	Q4753000	ProPEX EP Tee, 3" PEX x 3" PEX x 3" PEX	20, 88	\$239.20	1		P			
	Q4753215	ProPEX EP Reducing Tee, 3" PEX x 2 1/2" PEX x 1 1/2" PEX	22, 90	\$182.00	1		P			
	Q4753220	ProPEX EP Reducing Tee, 3" PEX x 2" PEX x 2" PEX	22, 90	\$187.20	1		P			
	Q4753252	ProPEX EP Reducing Tee, 3" PEX x 2 1/2" PEX x 2" PEX	22, 91	\$208.00	1		P			
	Q4753310	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 1" PEX	23, 91	\$156.00	1		P			
	Q4753313	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 1 1/2" PEX	23, 91	\$166.40	1		P			
	Q4753315	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 1 1/2" PEX	23, 91	\$176.80	1		P			
	Q4753320	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 2" PEX	23, 91	\$208.00	1		P			
	Q4753325	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 2 1/2" PEX	23, 91	\$228.80	1		P			
	Q4753375	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 3/4" PEX	23, 91	\$156.00	1		P			
	Q4755050	ProPEX EP Tee, 1/2" PEX x 1/2" PEX x 1/2" PEX	20, 88	\$3.02	25	LF4705050	P		R	
	Q4755575	ProPEX EP Reducing Tee, 1/2" PEX x 1/2" PEX x 3/4" PEX	21, 89	\$4.41	25		P		R	
	Q4757550	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX	21, 45, 89	\$4.53	25	LF4707550	P	F	R	
	Q4757555	ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 1/2" PEX	21, 89	\$3.80	25	LF4707555	P	F	R	
	Q4757557	ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 3/4" PEX	21, 45, 89	\$5.22	25		P	F	R	
	Q4757563	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 5/8" PEX	89	\$6.99	10				R	
	Q4757575	ProPEX EP Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX	20, 44, 88	\$5.60	25	LF4707575	P	F	R	
	Q4757710	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	21, 45, 89	\$18.10	10	LF4707710	P	F	R	
	Q4760500	ProPEX EP Elbow, 1/2" PEX x 1/2" PEX	19, 87	\$2.37	25		P		R	
	Q4760750	ProPEX EP Elbow, 3/4" PEX x 3/4" PEX	19, 44, 87	\$4.31	25	LF4710750	P	F	R	
	Q4761000	ProPEX EP Elbow, 1" PEX x 1" PEX	19, 44, 87	\$8.65	10	LF4711000	P	F	R	E
	Q4761250	ProPEX EP Elbow, 1 1/4" PEX x 1 1/4" PEX	19, 44, 87	\$16.99	1		P	F	R	E
	Q4761500	ProPEX EP Elbow, 1 1/2" PEX x 1 1/2" PEX	19, 87	\$22.60	1		P	F	R	E
	Q4761515	ProPEX EP 45 Elbow, 1 1/2" PEX x 1 1/2" PEX	19, 87	\$20.56	1		P		R	E
	Q4762000	ProPEX EP Elbow, 2" PEX x 2" PEX	19, 87	\$62.10	1	Q4712000	P		R	E

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New or discount.	Part number	Description	Page number	2018 list price (ea.)	Pkg. qty.	Alternative part number	Product application category			
							Plumbing	Fire	Radiant	Ecoflex
	Q4762020	ProPEX EP 45 Elbow, 2" PEX x 2" PEX	19, 87	\$62.10	1		P		R	
	Q4762500	ProPEX EP Elbow, 2 1/2" PEX x 2 1/2" PEX	19, 87	\$119.60	1		P			
	Q4762525	ProPEX EP 45 Elbow, 2 1/2" PEX x 2 1/2" PEX	19, 87	\$119.60	1		P			
	Q4763000	ProPEX EP Elbow, 3" PEX x 3" PEX	19, 87	\$176.80	1		P			
	Q4763030	ProPEX EP 45 Elbow, 3" PEX x 3" PEX	19, 87	\$176.80	1		P			
	Q4771010	ProPEX EP Coupling, 1" PEX x 1" PEX	18, 43, 85	\$4.88	10	LF4541010	P	F	R	E
	Q4771307	ProPEX EP Coupling, 1 1/4" PEX x 3/4" PEX	18, 43, 85	\$8.17	1		P	F	R	
	Q4771310	ProPEX EP Coupling, 1 1/4" PEX x 1" PEX	18, 43, 86	\$8.49	1		P	F	R	E
	Q4771313	ProPEX EP Coupling, 1 1/4" PEX x 1 1/4" PEX	18, 43, 86	\$9.63	1		P	F	R	E
	Q4771507	ProPEX EP Coupling, 1 1/2" PEX x 3/4" PEX	18, 86	\$10.25	1		P		R	
	Q4771510	ProPEX EP Coupling, 1 1/2" PEX x 1" PEX	18, 86	\$10.57	1		P		R	E
	Q4771513	ProPEX EP Coupling, 1 1/2" PEX x 1 1/4" PEX	18, 86	\$10.55	1		P		R	E
	Q4771515	ProPEX EP Coupling, 1 1/2" PEX x 1 1/2" PEX	18, 86	\$10.81	1		P		R	E
	Q4772015	ProPEX EP Coupling, 2" PEX x 1 1/2" PEX	18, 86	\$36.00	1		P		R	E
	Q4772020	ProPEX EP Coupling, 2" PEX x 2" PEX	18, 86	\$42.75	1	Q4542020	P		R	E
	Q4772513	ProPEX EP Coupling, 2 1/2" PEX x 1 1/4" PEX	18, 86	\$83.20	1		P		R	E
	Q4772515	ProPEX EP Coupling, 2 1/2" PEX x 1 1/2" PEX	18, 86	\$83.20	1		P		R	E
	Q4772520	ProPEX EP Coupling, 2 1/2" PEX x 2" PEX	18, 86	\$83.20	1		P		R	E
	Q4772525	ProPEX EP Coupling, 2 1/2" PEX x 2 1/2" PEX	18, 86	\$83.20	1		P		R	E
	Q4773020	ProPEX EP Coupling, 3" PEX x 2" PEX	18, 86	\$104.00	1		P		R	E
	Q4773025	ProPEX EP Coupling, 3" PEX x 2 1/2" PEX	18, 86	\$104.00	1		P		R	E
	Q4773030	ProPEX EP Coupling, 3" PEX x 3" PEX	18, 86	\$104.00	1		P		R	E
	Q4773838	ProPEX EP Coupling, 3/8" PEX x 3/8" PEX	18, 85	\$2.16	25		P		R	
	Q4775050	ProPEX EP Coupling, 1/2" PEX x 1/2" PEX	18, 85	\$1.83	25	LF4545050	P		R	
	Q4775075	ProPEX EP Coupling, 1/2" PEX x 3/4" PEX	18, 43, 85	\$2.38	25		P	F	R	
	Q4776363	ProPEX EP Coupling, 5/8" PEX x 5/8" PEX	85	\$3.66	10	Q4546363			R	
	Q4777510	ProPEX EP Coupling, 3/4" PEX x 1" PEX	18, 43, 85	\$9.97	25	LF4547510	P	F	R	
	Q4777575	ProPEX EP Coupling, 3/4" PEX x 3/4" PEX	18, 43, 85	\$2.88	25	LF4547575	P	F	R	
	Q4801075	ProPEX EP Opposing-port Tee 1" x 1" x 3/4" x 3/4"	92	\$21.50	1				R	
	Q4801375	ProPEX EP Opposing-port Tee 1 1/4" x 1 1/4" x 3/4" x 3/4"	92	\$24.98	1				R	
	Q4801575	ProPEX EP Opposing-port Tee 1 1/2" x 1 1/2" x 3/4" x 3/4"	92	\$41.85	1				R	
	Q4802075	ProPEX EP Opposing-port Tee 2" x 2" x 3/4" x 3/4"	92	\$71.78	1				R	
	Q5501010	ProPEX Brass Fitting Adapter, 1" PEX x 1" Copper	96	\$11.24	10				R	
	Q5501313	ProPEX Brass Fitting Adapter, 1 1/4" PEX x 1 1/4" Copper	96	\$27.00	1				R	
	Q5501515	ProPEX Brass Fitting Adapter, 1 1/2" PEX x 1 1/2" Copper	96	\$43.20	1				R	
	Q5502020	ProPEX Brass Fitting Adapter, 2" PEX x 2" Copper	96	\$124.75	1				R	
	Q5505050	ProPEX Brass Fitting Adapter, 1/2" PEX x 1/2" Copper	96	\$2.94	25				R	

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							Plumbing	Fire	Radiant	Ecoflex
	Q5507510	ProPEX Brass Fitting Adapter, 3/4" PEX x 1" Copper	96	\$13.86	10				R	
	Q5507550	ProPEX Brass Fitting Adapter, 3/4" PEX x 1/2" Copper	96	\$8.55	25				R	
	Q5507575	ProPEX Brass Fitting Adapter, 3/4" PEX x 3/4" Copper	96	\$6.26	25				R	
	Q5511010	ProPEX Brass Sweat Adapter, 1" PEX x 1" Copper	95	\$11.48	10				R	
	Q5511313	ProPEX Brass Sweat Adapter, 1 1/4" PEX x 1 1/4" Copper	95	\$29.38	1				R	
	Q5511515	ProPEX Brass Sweat Adapter, 1 1/2" PEX x 1 1/2" Copper	95	\$43.43	1				R	
	Q5512020	ProPEX Brass Sweat Adapter, 2" PEX x 2" Copper	95	\$124.75	1				R	
	Q5515050	ProPEX Brass Sweat Adapter, 1/2" PEX x 1/2" Copper	95	\$3.00	25				R	
	Q5517510	ProPEX Brass Sweat Adapter, 3/4" PEX x 1" Copper	95	\$13.41	10				R	
	Q5517550	ProPEX Brass Sweat Adapter, 3/4" PEX x 1/2" Copper	95	\$10.17	25				R	
	Q5517575	ProPEX Brass Sweat Adapter, 3/4" PEX x 3/4" Copper	95	\$6.72	25				R	
	Q5521010	ProPEX Brass Male Threaded Adapter, 1" PEX x 1" NPT	93	\$17.60	10				R	
	Q5521075	ProPEX Brass Male Threaded Adapter, 1" PEX x 3/4" NPT	93	\$15.25	10				R	
	Q5521313	ProPEX Brass Male Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	93	\$41.24	1				R	
	Q5521515	ProPEX Brass Male Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	93	\$47.45	1				R	
	Q5522020	ProPEX Brass Male Threaded Adapter, 2" PEX x 2" NPT	93	\$138.62	1				R	
	Q5525050	ProPEX Brass Male Threaded Adapter, 1/2" PEX x 1/2" NPT	93	\$4.17	25				R	
	Q5527510	ProPEX Brass Male Threaded Adapter, 3/4" PEX x 1" NPT	93	\$15.25	10				R	
	Q5527575	ProPEX Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	93	\$7.65	25				R	
	Q5571010	ProPEX Brass Female Threaded Adapter, 1" PEX x 1" NPT	94	\$22.12	10				R	
	Q5571313	ProPEX Brass Female Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	94	\$43.97	1				R	
	Q5571515	ProPEX Brass Female Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	94	\$73.93	1				R	
	Q5572020	ProPEX Brass Female Threaded Adapter, 2" PEX x 2" NPT	94	\$170.96	1				R	
	Q5577510	ProPEX Brass Female Threaded Adapter, 3/4" PEX x 1" NPT	94	\$32.35	10				R	
	Q5577575	ProPEX Brass Female Threaded Adapter, 3/4" PEX x 3/4" NPT	94	\$9.70	25				R	
	Q5806375	ProPEX Ball Valve, 5/8" PEX x 3/4" Copper Adapter	75	\$38.93	10				R	
	Q5807575	ProPEX Ball Valve, 3/4" PEX x 3/4" Copper Adapter	75	\$43.94	10				R	
	Q5906375	ProPEX Ball and Balancing Valve, 5/8" PEX x 3/4" Copper Adapter	75	\$66.60	10				R	
	Q5907575	ProPEX Ball and Balancing Valve, 3/4" PEX x 3/4" Copper Adapter	75	\$72.60	10				R	
	Q70640HW	Concealed Flat Cover Plate for HSW, White. (HSW style only)	41	\$57.64	5				F	
	Q70749WH	Concealed Flat Cover Plate for 162F LF RC-RES Sprinkler, White, 3/4"	41	\$32.83	50				F	
	Q71850LW	Two-piece Recessed Escutcheon for LF Recessed Pendant and LF Recessed HSW, White	42	\$12.35	5				F	
	Q7400500	Plastic Tubing Clip, 1/2", 100/pkg.	130	\$44.02	1				F	R
	Q7410510	PEX-a Pipe Support Strapping for 1/2", 3/4", and 1" PEX	14, 54, 127	\$1.17	100				P	R
	Q7411220	PEX-a Pipe Support Strapping for 1 1/4", 1 1/2", and 2" PEX	14, 54, 127	\$2.01	100				P	R

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							Plumbing	Fire	Radiant	Ecoflex
	Q7412540	PEX-a Pipe Support Strapping for 2½", 3", 3½" PEX	14, 54, 127	\$3.39	100		P		R	
	Q7500400	Sprinkler Wrench, LF Recessed Pendant	42	\$329.37	1			F		
	Q7500410	Sprinkler Wrench, LF Recessed Horizontal Sidewall	42	\$370.54	1			F		
	Q7500430	Sprinkler Wrench, LF Flat Concealed Horizontal Sidewall	42	\$241.54	1			F		
	Q7500700	Sprinkler Socket for LF RC-RES Sprinklers, LF74970FC and LF74971FW	42	\$308.79	1			F		
	Q7503000	Sprinkler Cabinet without Sprinklers	41	\$110.20	1			F		
	Q8521010	ProPEX Stainless-steel Male Threaded Adapter, 1" PEX x 1" NPT	25	\$56.61	10	LF4521010	P			E
	Q8525050	ProPEX Stainless-steel Male Threaded Adapter, ½" PEX x ½" NPT	25	\$25.73	25	LF4525050	P			
	Q8527575	ProPEX Stainless-steel Male Threaded Adapter, ¾" PEX x ¾" NPT	25	\$36.02	25	LF4527575	P			
	WS4360750	ProPEX EP Straight Water Meter Fitting, ¾" PEX x 1" NPSM	32, 47	\$14.31	1		P			
	WS4360751	ProPEX EP Elbow Water Meter Fitting, ¾" PEX x 1" NPSM	32, 47	\$15.90	1		P			
	WS4361000	ProPEX EP Straight Water Meter Fitting, 1" PEX x 1½" NPSM	32, 47	\$16.43	1		P			
	WS4361001	ProPEX EP Elbow Water Meter Fitting, 1" PEX x 1½" NPSM	32, 47	\$18.55	1		P			
	WS4820750	ProPEX LF Brass Straight Water Meter Valve, ¾" PEX x 1" NPSM	33	\$39.75	1		P			
	WS4820751	ProPEX LF Brass Elbow Water Meter Valve, ¾" PEX x 1" NPSM	33	\$39.75	1		P			
	WS4821000	ProPEX LF Brass Straight Water Meter Valve, 1" PEX x 1½" NPSM	33	\$55.65	1		P			
	WS4821001	ProPEX LF Brass Elbow Water Meter Valve, 1" PEX x 1½" NPSM	33	\$55.65	1		P			



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