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RESEARCH REPORT: RR 5482
EFFECTIVE DATE: 09/01/2024
EXPIRATION DATE: 09/01/2025
Telephone: 800-321-4739

GENERAL APPROVAL – Renewal- This product consists of cross- linked polyethylene (PEX) tubing and engineered polymer and lead-free brass cold expansion type fittings for use in potable water systems.

DETAILS

PEX tubing comes in white, red, and blue colors. The tubes have been tested to ASTM F876, ASTM F877, NSF 14 and NSF 61. The fittings are engineered polymer and lead-free brass cold expansion type with PEX reinforcing rings in compliance with ASTM F1960. The tubes are approved for 3/8 to 3-inch nominal diameter, and the fittings are approved up to 3-inch nominal diameter.

The approval is subject to the following conditions:

1. This approval shall only apply to the provisions of the Plumbing Code.
2. This approval is not an authorization for use in fire protection systems. Separate approval or listing is required for PEX tubing to be installed in fire protection systems.
3. PEX tubes and fittings may be installed in cold and hot potable water systems.
4. These PEX tubes meet the ASTM F876 requirement for chlorine resistance and have a chlorine resistance classification code of 5. These PEX tubes may be installed in hot water systems with recirculation pumps.
5. PEX systems shall be sized using hydraulic calculations in accordance with Appendix A of the Los Angeles Plumbing Code and pipe sizing from the attached Table B. Hydraulic calculations shall be based on the actual inside diameter of the tubing and with a Hazen and

Williams coefficient of $C=150$. Calculations shall demonstrate that the water velocity in the tube does not exceed 10 ft/s for cold water distribution and 8 ft/s for hot water distribution systems. Systems requiring 1-1/2 inch or smaller supply may be designed according to the attached Table A.

- a. The flow velocities account for the increased velocity through fittings.
 - b. Maximum velocities through copper fittings in PEX tubing shall not exceed 8 ft/s in cold water and 5 ft/s in hot water.
6. Plans shall be submitted to Mechanical Plan Check and shall be approved prior to obtaining the plumbing permit.
Exception: Systems requiring 1 1/2 inch or smaller supply and designed according to the attached Table A.
7. PEX systems are subject to the following pressure-temperature limitations:
- a. 160 psi @ 73°F (cold water systems)
 - b. 80 psi @ 140°F (hot chlorinated water systems)
8. When hot chlorinated water systems are subjected to water treatment to remove chlorine, the pressure-temperature limitation shall be:
- a. 100 psi @ 180°F (hot non-chlorinated water systems)
9. PEX tubing shall not be installed where water temperature exceeds 180°F.
10. PEX tubing shall not be installed within the first 18 inches of piping connected to the hot water heater.
11. PEX tubing shall not be installed within 6 inches horizontally or within 12 inches vertically from any source of heat, such as gas appliance vents, light fixtures, heating appliances, etc.
12. The AquaPEX tubing and ProPEX fittings up to 3-inches have been tested to comply with ASTM E84 and do not exceed the 25/50 flame spread and smoke developed index when installed under the below conditions. These products may be installed within ducts or plenums as specified in Section 95.602.2 of the Los Angeles Mechanical Code (LAMC), 2023 Edition; only when installed in accordance with the manufacturer's instructions and the following restrictions:
- a. Tubing, pipe supports, fittings, and accessories shall be insulated with 1/2-inch thick Mason Alley-K, Armaflex Composite, Johns Manville Micro-Lok®, John Manville Micro-Lok HP®, Owens Corning Vapor Wick®, Owens Corning Fiberglass®, GLT Pipe and Tank®, Knauf Earthwool Redi-Klad®, or Nomalock® fiberglass insulation.

- b. Tubing with a maximum nominal diameter of $\frac{3}{4}$ inch may be installed without insulation so long as a minimum spacing of 18 inches is kept between adjacent runs of tubing.

Note: Tubing with insulation deviating from the above restriction (including, but not limited to manufacturer, model, and thickness of insulation) shall not be installed within a duct or plenum because the tubing and fittings have not been tested with alternate variations of insulation in accordance with ASTM E84 or UL 723 by a third party agency recognized by the City of Los Angeles Mechanical Testing Laboratory.

13. PEX tubing shall not be installed in locations where exposed to direct sunlight.
14. Installation shall be in accordance with the manufacturer's recommendations and this research report.
15. These tubes shall not be deformed or kinked.
16. When PEX tubing is installed underground, the tubing shall be sleeved with piping or tubing approved for underground potable water systems or other material that is impermeable to solvents or petroleum products.
17. PEX tubing 1 inch and smaller shall be supported at 32 inch intervals for horizontal runs. PEX tubing 1-1/4 inch and larger shall be supported at 4 feet intervals for horizontal runs. All size tubing shall be supported at the base and at each floor for vertical runs. Furthermore, vertical runs shall be provided with mid-story guides.
18. Bored holes and sleeves shall provide adequate clearance between the tubing and structure to allow for free longitudinal movement.
19. Tubing passing through drilled or notched metal studs or joist or hollow shell masonry walls shall be protected from abrasion due to thermal expansion and contraction by elastomeric or plastic sleeves.
20. Tubing penetrating framing members within one inch of the exposed framing shall be protected by steel nail plates not less than 18 gauge in thickness. The steel plate shall extend along the framing a minimum of 1 1/2 inches beyond the outside diameter of the pipe or tubing.
21. Penetration of fire rated walls shall be properly fire-stopped as per building code. The fire stopping shall be chemically compatible with PEX material.
22. Only approved fittings and manifolds shall be used.

23. Transition from PEX tubing to other types of piping shall be by means of approved transition fittings.
24. No headers, joints or field splices shall be permitted in or under the slab.
25. For alterations and additions in existing buildings where no associated building-electrical permit has been obtained, a miscellaneous electrical permit shall be obtained to verify the electrical grounding.
26. PEX tubing shall be identified with markings and shall include the following:
 - a. Manufacturer's name or trade mark
 - b. Nominal size
 - c. Material designation code
 - d. Standard dimension ratio, "SDR 9"
 - e. Temperature and pressure ratings
 - f. "ASTM F876" or "ASTM F877"
 - g. Chlorine classification code
 - h. Third party certification mark
 - i. Standard designation(s) of the fitting system(s) for which the tubing is recommended for use by the tubing manufacturer
 - j. Marking that identifies the presence of an inner, middle, or outer layer.

Uponor, Inc.
RE: PEX Tubing and Fittings

DISCUSSION

The Mechanical Testing Laboratory reviewed recent test reports and current certificates of approval. These products have been tested in accordance with ASTM Standards E84, F876, F877, F1960; ANSI/NSF Standards 14 and 61; and comply with the lead free California State Health and Safety Code Section 116875 for fittings or fixtures used to convey or dispense water for human consumption and are currently listed by NSF International and IAPMO R&T. The products are equivalent to that prescribed by the Los Angeles Municipal Code in quality, strength, effectiveness, durability, and safety.

For this General Approval to be valid on any individual construction project in the City of Los Angeles, an engineer or inspector of the Department of Building and Safety must make a determination that all conditions of the General Approval required to provide equivalency have been met in the case of each construction project under consideration.

This approval is granted under Sections 94.301.0, 94.313.0, 94.603.0, 94.604.0, 94.608.0 and 94.610.0 of the Los Angeles Plumbing Code, 2023 Edition; Section 95.602.2 of the Los Angeles Mechanical Code, 2023 Edition.

Approved by:

Cristina Acevedo-Leija
Mechanical Testing Laboratory
Permit and Engineering Bureau

TABLE A

FIXTURE UNIT TABLE FOR DETERMINING WATER PEX TUBING SIZE

This table may be used in lieu of providing calculations for systems having 1-1/2 or smaller supply and this table shall be used with the same procedure and rules as Table 610.4 of the Los Angeles Plumbing Code

Meter and Street Service (inches)	Building Supply and Branches (inches)	MAXIMUM ALLOWABLE LENGTH (feet)									
		40	60	80	100	150	200	250	300	400	500
PRESSURE RANGE - 30 TO 45 psi											
3/4	1/2	1	0	0	0	0	0	0	0	0	0
3/4	3/4	4	3	3	2	1	1	0	0	0	0
3/4	1	12	8	7	6	4	3	0	0	0	0
1	1	20	20	20	20	15	13	12	10	8	7
3/4	1-1/4	21	16	13	12	8	7	0	0	0	0
1	1-1/4	34	34	34	34	30	24	21	18	15	13
1	1-1/2	56	56	56	56	46	36	30	26	21	20
1-1/2	1-1/4	34	34	34	34	32	26	23	20	16	15
1-1/2	1-1/2	56	56	56	56	54	42	36	30	24	21
PRESSURE RANGE - 46 TO 60 psi											
3/4	1/2	4	4	4	3	3	2	1	1	1	1
3/4	3/4	12	12	12	12	8	7	6	6	4	4
3/4	1	20	20	20	20	20	16	15	13	10	8
1	1	20	20	20	20	20	20	20	16	15	12
3/4	1-1/4	34	34	34	34	34	32	28	24	20	18
1	1-1/4	34	34	34	34	34	34	34	32	24	23
1	1-1/2	56	56	56	56	56	56	56	56	46	39
1-1/2	1-1/4	34	34	34	34	34	34	34	34	28	23
1-1/2	1-1/2	56	56	56	56	56	56	56	56	49	42
PRESSURE RANGE - Over 60 psi											
3/4	1/2	4	4	4	4	4	3	3	2	2	1
3/4	3/4	12	12	12	12	12	12	10	8	7	6
3/4	1	20	20	20	20	20	20	20	20	16	13
1	1	20	20	20	20	20	20	20	20	18	16
3/4	1-1/4	34	34	34	34	34	34	34	34	30	26
1	1-1/4	34	34	34	34	34	34	34	34	34	30
1	1-1/2	56	56	56	56	56	56	56	56	56	56
1-1/2	1-1/4	34	34	34	34	34	34	34	34	34	32
1-1/2	1-1/2	56	56	56	56	56	56	56	56	56	56

TABLE B
WATER PIPE SIZING
FIXTURE UNITS versus FRICTION LOSS (PSI/100 FT)
PEX TUBING

PEX Tubing		Plastic Insert and Cold Expansion Fittings (UPC APPX I Sect.10.6.3)			Copper Insert Fittings (UPC 6.10.12.2)		
psi per 100 ft	ND inches	Hot Water	Cold Water Systems with Flush Tank	Cold Water Systems with Flushometer Valves	Hot Water	Cold Water Systems with Flush Tank	Cold Water Systems with Flushometer Valves
1	1/2	0	0	0	0	0	0
	5/8	0	0	0	N/A	N/A	N/A
	3/4	1	1	0	1	1	0
	1	3	3	0	3	3	0
	1 1/4	7	7	0	7	7	0
	1 1/2	13	13	0	13	13	0
	2	30	30	0	30	30	0
	2 1/2	69	69	21	69	69	21
	3	160	160	66	160	160	66
1.1	1/2	0	0	0	0	0	0
	5/8	0	0	0	N/A	N/A	N/A
	3/4	1	1	0	1	1	0
	1	4	4	0	4	4	0
	1 1/4	7	7	0	7	7	0
	1 1/2	13	13	0	13	13	0
	2	32	32	0	32	32	0
	2 1/2	74	74	23	74	74	23
	3	175	175	76	175	175	76
1.2	1/2	0	0	0	0	0	0
	5/8	0	0	0	N/A	N/A	N/A
	3/4	1	1	0	1	1	0
	1	4	4	0	4	4	0
	1 1/4	8	8	0	8	8	0
	1 1/2	15	15	0	15	15	0
	2	34	34	5	34	34	5
	2 1/2	83	83	26	83	83	26
	3	185	185	82	185	185	82
1.3	1/2	0	0	0	0	0	0
	5/8	0	0	0	N/A	N/A	N/A
	3/4	1	1	0	1	1	0
	1	4	4	0	4	4	0
	1 1/4	8	8	0	8	8	0
	1 1/2	15	15	0	15	15	0
	2	36	36	6	36	36	6
	2 1/2	90	90	30	90	90	30
	3	195	195	88	195	195	88

Uponor, Inc.
 RE: PEX Tubing and Fittings

PEX Tubing		Plastic Insert and Cold Expansion Fittings (UPC APPX I Sect.10.6.3)			Copper Insert Fittings (UPC 6.10.12.2)		
psi per 100 ft	ND inches	Hot Water	Cold Water Systems with Flush Tank	Cold Water Systems with Flushometer Valves	Hot Water	Cold Water Systems with Flush Tank	Cold Water Systems with Flushometer Valves
1.4	1/2	0	0	0	0	0	0
	5/8	0	0	0	N/A	N/A	N/A
	3/4	1	1	0	1	1	0
	1	4	4	0	4	4	0
	1 1/4	8	8	0	8	8	0
	1 1/2	16	16	0	16	16	0
	2	39	39	7	39	39	7
	2 1/2	99	99	33	99	99	33
	3	215	215	102	215	215	102
1.5	1/2	0	0	0	0	0	0
	5/8	1	1	0	N/A	N/A	N/A
	3/4	1	1	0	1	1	0
	1	4	4	0	4	4	0
	1 1/4	10	10	0	10	10	0
	1 1/2	16	16	0	16	16	0
	2	42	42	8	42	42	8
	2 1/2	103	103	35	103	103	35
	3	225	225	108	225	225	108
1.6	1/2	0	0	0	0	0	0
	5/8	1	1	0	N/A	N/A	N/A
	3/4	2	2	0	2	2	0
	1	4	4	0	4	4	0
	1 1/4	10	10	0	10	10	0
	1 1/2	18	18	0	18	18	0
	2	44	44	9	44	44	9
	2 1/2	111	111	39	111	111	39
	3	236	236	116	236	236	116
1.7	1/2	0	0	0	0	0	0
	5/8	1	1	0	N/A	N/A	N/A
	3/4	2	2	0	2	2	0
	1	6	6	0	6	6	0
	1 1/4	10	10	0	10	10	0
	1 1/2	18	18	0	18	18	0
	2	46	46	10	46	46	10
	2 1/2	115	115	42	115	115	42
	3	254	254	132	236	254	132
1.8	1/2	0	0	0	0	0	0
	5/8	1	1	0	N/A	N/A	N/A
	3/4	2	2	0	2	2	0
	1	6	6	0	6	6	0
	1 1/4	12	12	0	12	12	0
	1 1/2	18	18	0	18	18	0
	2	49	49	11	49	49	11
	2 1/2	123	123	46	123	123	46
	3	264	264	140	236	264	140

Uponor, Inc.
 RE: PEX Tubing and Fittings

PEX Tubing		Plastic Insert and Cold Expansion Fittings (UPC APPX I Sect.10.6.3)			Copper Insert Fittings (UPC 6.10.12.2)		
psi per 100 ft	ND inches	Hot Water	Cold Water Systems with Flush Tank	Cold Water Systems with Flushometer Valves	Hot Water	Cold Water Systems with Flush Tank	Cold Water Systems with Flushometer Valves
1.9	1/2	0	0	0	0	0	0
	5/8	1	1	0	N/A	N/A	N/A
	3/4	2	2	0	2	2	0
	1	6	6	0	6	6	0
	1 1/4	12	12	0	12	12	0
	1 1/2	20	20	0	20	20	0
	2	51	51	12	51	51	12
	2 1/2	127	127	48	127	127	48
	3	275	275	148	236	275	148
2	1/2	0	0	0	0	0	0
	5/8	1	1	0	N/A	N/A	N/A
	3/4	2	2	0	2	2	0
	1	6	6	0	6	6	0
	1 1/4	12	12	0	12	12	0
	1 1/2	20	20	0	20	20	0
	2	54	54	13	54	54	13
	2 1/2	135	135	52	127	135	52
	3	284	284	158	236	284	158
2.2	1/2	0	0	0	0	0	0
	5/8	1	1	0	N/A	N/A	N/A
	3/4	3	3	0	3	3	0
	1	6	6	0	6	6	0
	1 1/4	13	13	0	13	13	0
	1 1/2	21	21	0	21	21	0
	2	56	56	14	56	56	14
	2 1/2	151	151	60	127	151	60
	3	305	305	176	236	305	176
2.4	1/2	0	0	0	0	0	0
	5/8	1	1	0	N/A	N/A	N/A
	3/4	3	3	0	3	3	0
	1	7	7	0	7	7	0
	1 1/4	13	13	0	13	13	0
	1 1/2	23	23	0	23	23	0
	2	60	60	16	60	60	16
	2 1/2	160	160	66	127	160	66
	3	326	326	195	236	326	195
2.6	1/2	0	0	0	0	0	0
	5/8	1	1	0	N/A	N/A	N/A
	3/4	3	3	0	3	3	0
	1	7	7	0	7	7	0
	1 1/4	15	15	0	15	15	0
	1 1/2	24	24	0	24	24	0
	2	63	63	18	60	63	18
	2 1/2	175	175	76	127	175	76
	3	348	348	214	236	348	214

Uponor, Inc.
 RE: PEX Tubing and Fittings

PEX Tubing		Plastic Insert and Cold Expansion Fittings (UPC APPX I Sect.10.6.3)			Copper Insert Fittings (UPC 6.10.12.2)		
psi per 100 ft	ND inches	Hot Water	Cold Water Systems with Flush Tank	Cold Water Systems with Flushometer Valves	Hot Water	Cold Water Systems with Flush Tank	Cold Water Systems with Flushometer Valves
2.8	1/2	0	0	0	0	0	0
	5/8	1	1	0	N/A	N/A	N/A
	3/4	3	3	0	3	3	0
	1	7	7	0	7	7	0
	1 1/4	15	15	0	15	15	0
	1 1/2	24	24	0	24	24	0
	2	69	69	21	60	69	21
	2 1/2	185	185	82	127	185	82
	3	370	370	234	236	370	234
3	1/2	0	0	0	0	0	0
	5/8	1	1	0	N/A	N/A	N/A
	3/4	3	3	0	3	3	0
	1	8	8	0	8	8	0
	1 1/4	15	15	0	15	15	0
	1 1/2	26	26	0	26	26	0
	2	74	74	23	60	74	23
	2 1/2	195	195	88	127	195	88
	3	380	380	245	236	380	245
3.2	1/2	0	0	0	0	0	0
	5/8	2	2	0	N/A	N/A	N/A
	3/4	3	3	0	3	3	0
	1	8	8	0	8	8	0
	1 1/4	16	16	0	16	16	0
	1 1/2	28	28	0	28	28	0
	2	78	78	25	60	78	25
	2 1/2	205	205	95	127	205	95
	3	406	406	270	236	406	270
3.4	1/2	0	0	0	0	0	0
	5/8	2	2	0	N/A	N/A	N/A
	3/4	3	3	0	3	3	0
	1	8	8	0	8	8	0
	1 1/4	16	16	0	16	16	0
	1 1/2	28	28	0	28	28	0
	2	86	86	28	60	86	28
	2 1/2	215	215	102	127	215	102
	3	431	431	295	236	431	295
3.6	1/2	1	1	0	1	1	0
	5/8	2	2	0	N/A	N/A	N/A
	3/4	4	4	0	4	4	0
	1	8	8	0	8	8	0
	1 1/4	18	18	0	18	18	0
	1 1/2	30	30	0	28	30	0
	2	90	90	30	60	90	30
	2 1/2	225	225	108	127	225	108
	3	431	431	295	236	431	295

Uponor, Inc.
 RE: PEX Tubing and Fittings

PEX Tubing		Plastic Insert and Cold Expansion Fittings (UPC APPX I Sect.10.6.3)			Copper Insert Fittings (UPC 6.10.12.2)		
psi per 100 ft	ND inches	Hot Water	Cold Water Systems with Flush Tank	Cold Water Systems with Flushometer Valves	Hot Water	Cold Water Systems with Flush Tank	Cold Water Systems with Flushometer Valves
3.8	1/2	1	1	0	1	1	0
	5/8	2	2	0	N/A	N/A	N/A
	3/4	4	4	0	4	4	0
	1	8	8	0	8	8	0
	1 1/4	18	18	0	18	18	0
	1 1/2	30	30	0	28	30	0
	2	95	95	31	60	95	31
	2 1/2	245	245	124	127	245	124
	3	455	455	329	236	455	329
4	1/2	1	1	0	1	1	0
	5/8	2	2	0	N/A	N/A	N/A
	3/4	4	4	0	4	4	0
	1	10	10	0	10	10	0
	1 1/4	18	18	0	18	18	0
	1 1/2	32	32	0	28	32	0
	2	99	99	33	60	99	33
	2 1/2	254	254	132	127	254	132
	3	455	479	365	236	455	329
4.2	1/2	1	1	0	1	1	0
	5/8	2	2	0	N/A	N/A	N/A
	3/4	4	4	0	4	4	0
	1	10	10	0	10	10	0
	1 1/4	20	20	0	18	20	0
	1 1/2	34	34	5	28	34	5
	2	103	103	35	60	103	35
	2 1/2	264	264	140	127	264	140
	3	455	479	365	236	455	329
4.4	1/2	1	1	0	1	1	0
	5/8	2	2	0	N/A	N/A	N/A
	3/4	4	4	0	4	4	0
	1	10	10	0	10	10	0
	1 1/4	20	20	0	18	20	0
	1 1/2	34	34	5	28	34	5
	2	111	111	39	60	111	39
	2 1/2	275	275	148	127	275	148
	3	455	506	396	236	455	329
4.6	1/2	1	1	0	1	1	0
	5/8	3	3	0	N/A	N/A	N/A
	3/4	4	4	0	4	4	0
	1	10	10	0	10	10	0
	1 1/4	20	20	0	18	20	0
	1 1/2	36	36	6	28	36	6
	2	115	115	42	60	115	42
	2 1/2	275	284	158	127	275	148
	3	455	533	430	236	455	329

Uponor, Inc.
 RE: PEX Tubing and Fittings

PEX Tubing		Plastic Insert and Cold Expansion Fittings (UPC APPX I Sect.10.6.3)			Copper Insert Fittings (UPC 6.10.12.2)		
psi per 100 ft	ND inches	Hot Water	Cold Water Systems with Flush Tank	Cold Water Systems with Flushometer Valves	Hot Water	Cold Water Systems with Flush Tank	Cold Water Systems with Flushometer Valves
4.8	1/2	1	1	0	1	1	0
	5/8	3	3	0	N/A	N/A	N/A
	3/4	4	4	0	4	4	0
	1	12	12	0	12	12	0
	1 1/4	21	21	0	18	21	0
	1 1/2	36	36	6	28	36	6
	2	119	119	44	60	119	44
	2 1/2	275	294	168	127	275	148
	3	455	533	430	236	455	329
5	1/2	1	1	0	1	1	0
	5/8	3	3	0	N/A	N/A	N/A
	3/4	4	4	0	4	4	0
	1	12	12	0	12	12	0
	1 1/4	21	21	0	18	21	0
	1 1/2	39	39	7	28	39	7
	2	123	123	46	60	123	46
	2 1/2	275	294	168	127	275	148
	3	455	559	460	236	455	329
5.2	1/2	1	1	0	1	1	0
	5/8	3	3	0	N/A	N/A	N/A
	3/4	4	4	0	4	4	0
	1	12	12	0	12	12	0
	1 1/4	23	23	0	18	23	0
	1 1/2	39	39	7	28	39	7
	2	127	127	48	60	127	48
	2 1/2	275	305	176	127	275	148
	3	455	559	460	236	455	329
5.4	1/2	1	1	0	1	1	0
	5/8	3	3	0	N/A	N/A	N/A
	3/4	4	4	0	4	4	0
	1	12	12	0	12	12	0
	1 1/4	23	23	0	18	23	0
	1 1/2	42	42	8	28	42	8
	2	130	130	50	60	130	50
	2 1/2	275	315	186	127	275	148
	3	455	585	490	236	455	329
5.6	1/2	1	1	0	1	1	0
	5/8	3	3	0	N/A	N/A	N/A
	3/4	6	6	0	6	6	0
	1	12	12	0	12	12	0
	1 1/4	23	23	0	18	23	0
	1 1/2	42	42	8	28	42	8
	2	135	135	52	60	135	52
	2 1/2	275	326	195	127	275	148
	3	455	585	490	236	455	329

Uponor, Inc.
 RE: PEX Tubing and Fittings

PEX Tubing		Plastic Insert and Cold Expansion Fittings (UPC APPX I Sect.10.6.3)			Copper Insert Fittings (UPC 6.10.12.2)		
psi per 100 ft	ND inches	Hot Water	Cold Water Systems with Flush Tank	Cold Water Systems with Flushometer Valves	Hot Water	Cold Water Systems with Flush Tank	Cold Water Systems with Flushometer Valves
5.8	1/2	1	1	0	1	1	0
	5/8	3	3	0	N/A	N/A	N/A
	3/4	6	6	0	6	6	0
	1	13	13	0	12	13	0
	1 1/4	23	23	0	18	23	0
	1 1/2	44	44	9	28	44	9
	2	141	141	54	60	141	54
	2 1/2	275	337	205	127	275	148
	3	455	585	490	236	455	329
6	1/2	1	1	0	1	1	0
	5/8	3	3	0	N/A	N/A	N/A
	3/4	6	6	0	6	6	0
	1	13	13	0	12	13	0
	1 1/4	24	24	0	18	24	0
	1 1/2	44	44	9	28	44	9
	2	141	146	57	60	141	54
	2 1/2	275	348	214	127	275	148
	3	455	585	490	236	455	329
6.2	1/2	1	1	0	1	1	0
	5/8	3	3	0	N/A	N/A	N/A
	3/4	6	6	0	6	6	0
	1	13	13	0	12	13	0
	1 1/4	24	24	0	18	24	0
	1 1/2	46	46	10	28	46	10
	2	141	151	60	60	141	54
	2 1/2	275	359	223	127	275	148
	3	455	585	490	236	455	329
6.4	1/2	1	1	0	1	1	0
	5/8	3	3	0	N/A	N/A	N/A
	3/4	6	6	0	6	6	0
	1	13	13	0	12	13	0
	1 1/4	24	24	0	18	24	0
	1 1/2	46	46	10	28	46	10
	2	141	155	63	60	141	54
	2 1/2	275	370	234	127	275	148
	3	455	585	490	236	455	329
6.6	1/2	1	1	0	1	1	0
	5/8	3	3	0	N/A	N/A	N/A
	3/4	6	6	0	6	6	0
	1	13	13	0	12	13	0
	1 1/4	26	26	0	18	26	0
	1 1/2	49	49	11	28	49	11
	2	141	160	66	60	141	54
	2 1/2	275	370	234	127	275	148
	3	455	585	490	236	455	329

Uponor, Inc.
 RE: PEX Tubing and Fittings

PEX Tubing		Plastic Insert and Cold Expansion Fittings (UPC APPX I Sect.10.6.3)			Copper Insert Fittings (UPC 6.10.12.2)		
psi per 100 ft	ND inches	Hot Water	Cold Water Systems with Flush Tank	Cold Water Systems with Flushometer Valves	Hot Water	Cold Water Systems with Flush Tank	Cold Water Systems with Flushometer Valves
6.8	1/2	1	1	0	1	1	0
	5/8	3	3	0	N/A	N/A	N/A
	3/4	6	6	0	6	6	0
	1	13	13	0	12	13	0
	1 1/4	26	26	0	18	26	0
	1 1/2	49	49	11	28	49	11
	2	141	165	69	60	141	54
	2 1/2	275	380	245	127	275	148
	3	455	585	490	236	455	329
7	1/2	1	1	0	1	1	0
	5/8	3	3	0	N/A	N/A	N/A
	3/4	6	6	0	6	6	0
	1	15	15	0	12	15	0
	1 1/4	26	26	0	18	26	0
	1 1/2	51	51	12	28	51	12
	2	141	170	73	60	141	54
	2 1/2	275	380	245	127	275	148
	3	455	585	490	236	455	329
7.2	1/2	1	1	0	1	1	0
	5/8	3	3	0	N/A	N/A	N/A
	3/4	6	6	0	6	6	0
	1	15	15	0	12	15	0
	1 1/4	28	28	0	18	28	0
	1 1/2	51	51	12	28	51	12
	2	141	175	76	60	141	54
	2 1/2	275	380	245	127	275	148
	3	455	585	490	236	455	329
7.4	1/2	1	1	0	1	1	0
	5/8	3	3	0	N/A	N/A	N/A
	3/4	6	6	0	6	6	0
	1	15	15	0	12	15	0
	1 1/4	28	28	0	18	28	0
	1 1/2	54	54	13	28	54	13
	2	141	175	76	60	141	54
	2 1/2	275	380	245	127	275	148
	3	455	585	490	236	455	329
7.6	1/2	1	1	0	1	1	0
	5/8	4	4	0	N/A	N/A	N/A
	3/4	6	6	0	6	6	0
	1	15	15	0	12	15	0
	1 1/4	28	28	0	18	28	0
	1 1/2	54	54	13	28	54	13
	2	141	175	76	60	141	54
	2 1/2	275	380	245	127	275	148
	3	455	585	490	236	455	329

Uponor, Inc.
 RE: PEX Tubing and Fittings

PEX Tubing		Plastic Insert and Cold Expansion Fittings (UPC APPX I Sect.10.6.3)			Copper Insert Fittings (UPC 6.10.12.2)		
psi per 100 ft	ND inches	Hot Water	Cold Water Systems with Flush Tank	Cold Water Systems with Flushometer Valves	Hot Water	Cold Water Systems with Flush Tank	Cold Water Systems with Flushometer Valves
7.8	1/2	1	1	0	1	1	0
	5/8	4	4	0	N/A	N/A	N/A
	3/4	7	7	0	6	7	0
	1	15	15	0	12	15	0
	1 1/4	28	28	0	18	28	0
	1 1/2	54	54	13	28	54	13
	2	141	185	82	60	141	54
	2 1/2	275	380	245	127	275	148
	3	455	585	490	236	455	329
8	1/2	2	2	0	2	2	0
	5/8	4	4	0	N/A	N/A	N/A
	3/4	7	7	0	6	7	0
	1	15	15	0	12	15	0
	1 1/4	30	30	0	18	30	0
	1 1/2	56	56	14	28	56	14
	2	141	185	82	60	141	54
	2 1/2	275	380	245	127	275	148
	3	455	585	490	236	455	329
8.2	1/2	2	2	0	2	2	0
	5/8	4	4	0	N/A	N/A	N/A
	3/4	7	7	0	6	7	0
	1	16	16	0	12	16	0
	1 1/4	30	30	0	18	30	0
	1 1/2	56	56	14	28	56	14
	2	141	195	88	60	141	54
	2 1/2	275	380	245	127	275	148
	3	455	585	490	236	455	329
8.4	1/2	2	2	0	2	2	0
	5/8	4	4	0	N/A	N/A	N/A
	3/4	7	7	0	6	7	0
	1	16	16	0	12	16	0
	1 1/4	30	30	0	18	30	0
	1 1/2	56	58	15	28	56	14
	2	141	195	88	60	141	54
	2 1/2	275	380	245	127	275	148
	3	455	585	490	236	455	329
8.6	1/2	2	2	0	2	2	0
	5/8	4	4	0	N/A	N/A	N/A
	3/4	7	7	0	6	7	0
	1	16	16	0	12	16	0
	1 1/4	32	32	0	18	32	0
	1 1/2	56	58	15	28	56	14
	2	141	205	95	60	141	54
	2 1/2	275	380	245	127	275	148
	3	455	585	490	236	455	329

Uponor, Inc.
 RE: PEX Tubing and Fittings

PEX Tubing		Plastic Insert and Cold Expansion Fittings (UPC APPX I Sect.10.6.3)			Copper Insert Fittings (UPC 6.10.12.2)		
psi per 100 ft	ND inches	Hot Water	Cold Water Systems with Flush Tank	Cold Water Systems with Flushometer Valves	Hot Water	Cold Water Systems with Flush Tank	Cold Water Systems with Flushometer Valves
8.8	1/2	2	2	0	2	2	0
	5/8	4	4	0	N/A	N/A	N/A
	3/4	7	7	0	6	7	0
	1	16	16	0	12	16	0
	1 1/4	32	32	0	18	32	0
	1 1/2	56	58	15	28	56	14
	2	141	205	95	60	141	54
	2 1/2	275	380	245	127	275	148
	3	455	585	490	236	455	329
9	1/2	2	2	0	2	2	0
	5/8	4	4	0	N/A	N/A	N/A
	3/4	7	7	0	6	7	0
	1	16	16	0	12	16	0
	1 1/4	32	32	0	18	32	0
	1 1/2	56	60	16	28	56	14
	2	141	205	95	60	141	54
	2 1/2	275	380	245	127	275	148
	3	455	585	490	236	455	329
10	1/2	2	2	0	2	2	0
	5/8	4	4	0	N/A	N/A	N/A
	3/4	7	7	0	6	7	0
	1	18	18	0	12	18	0
	1 1/4	34	34	5	18	34	5
	1 1/2	56	66	20	28	56	14
	2	141	205	95	60	141	54
	2 1/2	275	380	245	127	275	148
	3	455	585	490	236	455	329
11	1/2	2	2	0	2	2	0
	5/8	4	4	0	N/A	N/A	N/A
	3/4	8	8	0	6	8	0
	1	20	20	0	12	20	0
	1 1/4	34	36	6	18	34	5
	1 1/2	56	74	23	28	56	14
	2	141	205	95	60	141	54
	2 1/2	275	380	245	127	275	148
	3	455	585	490	236	455	329
12	1/2	3	3	0	2	3	0
	5/8	6	6	0	N/A	N/A	N/A
	3/4	8	8	0	6	8	0
	1	20	20	0	12	20	0
	1 1/4	34	42	8	18	34	5
	1 1/2	56	83	26	28	56	14
	2	141	205	95	60	141	54
	2 1/2	275	380	245	127	275	148
	3	455	585	490	236	455	329

Uponor, Inc.
 RE: PEX Tubing and Fittings

PEX Tubing		Plastic Insert and Cold Expansion Fittings (UPC APPX I Sect.10.6.3)			Copper Insert Fittings (UPC 6.10.12.2)		
psi per 100 ft	ND inches	Hot Water	Cold Water Systems with Flush Tank	Cold Water Systems with Flushometer Valves	Hot Water	Cold Water Systems with Flush Tank	Cold Water Systems with Flushometer Valves
13	1/2	3	3	0	2	3	0
	5/8	6	6	0	N/A	N/A	N/A
	3/4	10	10	0	6	10	0
	1	20	21	0	12	20	0
	1 1/4	34	44	9	18	34	5
	1 1/2	56	83	26	28	56	14
	2	141	205	95	60	141	54
	2 1/2	275	380	245	127	275	148
	3	455	585	490	236	455	329
14	1/2	3	3	0	2	3	0
	5/8	6	6	0	N/A	N/A	N/A
	3/4	10	10	0	6	10	0
	1	20	23	0	12	20	0
	1 1/4	34	46	10	18	34	5
	1 1/2	56	83	26	28	56	14
	2	141	205	95	60	141	54
	2 1/2	275	380	245	127	275	148
	3	455	585	490	236	455	329
15	1/2	3	3	0	2	3	0
	5/8	6	6	0	N/A	N/A	N/A
	3/4	10	10	0	6	10	0
	1	20	23	0	12	20	0
	1 1/4	34	46	10	18	34	5
	1 1/2	56	83	26	28	56	14
	2	141	205	95	60	141	54
	2 1/2	275	380	245	127	275	148
	3	455	585	490	236	455	329
16	1/2	3	3	0	2	3	0
	5/8	6	6	0	N/A	N/A	N/A
	3/4	10	10	0	6	10	0
	1	20	24	0	12	20	0
	1 1/4	34	46	10	18	34	5
	1 1/2	56	83	26	28	56	14
	2	141	205	95	60	141	54
	2 1/2	275	380	245	127	275	148
	3	455	585	490	236	455	329
17	1/2	3	3	0	2	3	0
	5/8	7	7	0	N/A	N/A	N/A
	3/4	12	12	0	6	12	0
	1	20	24	0	12	20	0
	1 1/4	34	46	10	18	34	5
	1 1/2	56	83	26	28	56	14
	2	141	205	95	60	141	54
	2 1/2	275	380	245	127	275	148
	3	455	585	490	236	455	329

Uponor, Inc.
 RE: PEX Tubing and Fittings

PEX Tubing		Plastic Insert and Cold Expansion Fittings (UPC APPX I Sect.10.6.3)			Copper Insert Fittings (UPC 6.10.12.2)		
psi per 100 ft	ND inches	Hot Water	Cold Water Systems with Flush Tank	Cold Water Systems with Flushometer Valves	Hot Water	Cold Water Systems with Flush Tank	Cold Water Systems with Flushometer Valves
>17.5	1/2	3	3	0	2	3	0
	5/8	7	7	0	N/A	N/A	N/A
	3/4	12	12	0	6	12	0
	1	20	26	0	12	20	0
	1 1/4	34	46	10	18	34	5
	1 1/2	56	83	26	28	56	14
	2	141	205	95	60	141	54
	2 1/2	275	380	245	127	275	148
	3	455	585	490	236	455	329

LIST OF APPROVED MODELS

Coil Tubing: WHITE	
Item #	Description
F1040250	1/4" Uponor AquaPEX White, 100-ft. coil
F1090375	3/8" Uponor AquaPEX White, 400-ft. coil
F1120375	3/8" Uponor AquaPEX White, 1,000-ft. coil
F1040500	1/2" Uponor AquaPEX White, 100-ft. coil
F1060500	1/2" Uponor AquaPEX White, 300-ft. coil
F1100500	1/2" Uponor AquaPEX White, 500-ft. coil
F1120500	1/2" Uponor AquaPEX White, 1,000-ft. coil
F1040750	3/4" Uponor AquaPEX White, 100-ft. coil
F1060750	3/4" Uponor AquaPEX White, 300-ft. coil
F1100750	3/4" Uponor AquaPEX White, 500-ft. coil
F1041000	1" Uponor AquaPEX White, 100-ft. coil
F1061000	1" Uponor AquaPEX White, 300-ft. coil
F1101000	1" Uponor AquaPEX White, 500-ft. coil
F1021250	1 1/4" Uponor AquaPEX White, 300-ft. coil
F1061250	1 1/4" Uponor AquaPEX White, 100-ft. coil
F1021500	1 1/2" Uponor AquaPEX White, 300-ft. coil
F1061500	1 1/2" Uponor AquaPEX White, 100-ft. coil
F1022000	2" Uponor AquaPEX White, 300-ft. coil
F1052000	2" Uponor AquaPEX White, 200-ft. coil
F1062000	2" Uponor AquaPEX White, 100-ft. coil
F1062500	2 1/2" Uponor AquaPEX White, 100-ft. coil
F1022500	2 1/2" Uponor AquaPEX White, 300-ft. coil
F1912500	2 1/2" Uponor AquaPEX White, 10-ft. straight lengths, 30 ft.
F1922500	2 1/2" Uponor AquaPEX White, 20-ft. straight lengths, 60 ft. (3 per bundle)
F1913000	3" Uponor AquaPEX White, 10-ft. straight lengths, 30 ft.
F1023000	3" Uponor AquaPEX White, 300-ft. coil
F1063000	3" Uponor AquaPEX White, 100-ft. coil

Coil Tubing : BLUE	
Item #	Description
F3040500	1/2" Uponor AquaPEX Blue, 100-ft. coil
F3060500	1/2" Uponor AquaPEX Blue, 300-ft. coil
F3120500	1/2" Uponor AquaPEX Blue, 1,000-ft. coil
F3040750	3/4" Uponor AquaPEX Blue, 100-ft. coil
F3060750	3/4" Uponor AquaPEX Blue, 300-ft. coil
F3100750	3/4" Uponor AquaPEX Blue, 500-ft. coil
F3041000	1" Uponor AquaPEX Blue, 100-ft. coil
F3061000	1" Uponor AquaPEX Blue, 300-ft. coil
F3101000	1" Uponor AquaPEX Blue, 500-ft. coil

Coil Tubing: RED	
Item #	Description
F2040500	1/2" Uponor AquaPEX Red, 100-ft. coil
F2060500	1/2" Uponor AquaPEX Red, 300-ft. coil
F2120500	1/2" Uponor AquaPEX Red, 1,000-ft. coil
F2040750	3/4" Uponor AquaPEX Red, 100-ft. coil
F2060750	3/4" Uponor AquaPEX Red, 300-ft. coil
F2100750	3/4" Uponor AquaPEX Red, 500-ft. coil
F2041000	1" Uponor AquaPEX Red, 100-ft. coil
F2061000	1" Uponor AquaPEX Red, 300-ft. coil
F2101000	1" Uponor AquaPEX Red, 500-ft. coil

Straight Tubing: WHITE	
Item #	Description
F1930500	1/2" Uponor AquaPEX White, 20-ft. straight length, 500 ft.
F1930750	3/4" Uponor AquaPEX White, 20-ft. straight length, 300 ft.
F1921000	1" Uponor AquaPEX White, 20-ft. straight length, 200 ft.
F1921250	1 1/4" Uponor AquaPEX White, 20-ft. straight length, 100 ft.
F1921500	1 1/2" Uponor AquaPEX White, 20-ft. straight length, 100 ft.
F1922000	2" Uponor AquaPEX White, 20-ft. straight length, 100 ft.
F1923000	3" Uponor AquaPEX White, 20-ft. straight length, 40 ft.

Straight Tubing: BLUE	
Item #	Description
F3930500	1/2" Uponor AquaPEX Blue, 20-ft. straight length, 500 ft.
F3930750	3/4" Uponor AquaPEX Blue, 20-ft. straight length, 300 ft.
F3921000	1" Uponor AquaPEX Blue, 20-ft. straight length, 200 ft.

Straight Tubing: RED	
Item #	Description
F2930500	1/2" Uponor AquaPEX Red, 20-ft. straight length, 500 ft.
F2930750	3/4" Uponor AquaPEX Red, 20-ft. straight length, 300 ft.
F2921000	1" Uponor AquaPEX Red, 20-ft. straight length, 200 ft.

Pre-sleeved Coil Tubing: BLUE	
Item #	Description
F1091500	1/2" Pre-sleeved Uponor AquaPEX Blue Sleeve, 400-ft. coil
F1091750	3/4" Pre-Sleeved Uponor AquaPEX Blue Sleeve, 400-ft. coil

Pre-sleeved Coil Tubing: RED	
Item #	Description
F1092500	1/2" Pre-sleeved Uponor AquaPEX Red Sleeve, 400-ft. coil
F1092750	3/4" Pre-Sleeved Uponor AquaPEX Red Sleeve, 400-ft. coil

Coil Tubing: Pre-insulated	
Item #	Description
F6040500	1/2" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil
F6040750	3/4" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil
F6041000	1" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil
F6041250	1 1/4" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil
F6041500	1 1/2" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil
F6042000	2" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil

Straight Tubing: Pre-insulated	
Item #	Description
F6921250	1 1/4" Pre-insulated Uponor AquaPEX with 1/2" insulation, 20-ft. straight length, 100 ft.
F6921500	1 1/2" Pre-insulated Uponor AquaPEX with 1/2" insulation, 20-ft. straight length, 100 ft.
F6922000	2" Pre-insulated Uponor AquaPEX with 1/2" insulation, 20-ft. straight length, 100 ft.

Metal Manifolds	
Item #	Description
LF2801050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 4 outlets
LF2807550	1" Copper Branch Manifold, 4 LF Brass outlets, 3/4" LF Brass ProPEX Inlet
LF2811050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 6 outlets
LF2817550	1" Copper Branch Manifold, 6 LF Brass outlets, 3/4" LF Brass ProPEX Inlet
LF2821050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 8 outlets
LF2827550	1" Copper Branch Manifold, 8 LF Brass outlets, 3/4" LF Brass ProPEX Inlet
LF2831050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 10 outlets
LF2837550	1" Copper Branch Manifold, 10 LF Brass outlets, 3/4" LF Brass ProPEX Inlet
LF2841050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 12 outlets
LF2500400	1" Copper Manifold with LF Brass 1/2" ProPEX Ball Valve, 4 outlets
LF2500600	1" Copper Manifold with LF Brass 1/2" ProPEX Ball Valve, 6 outlets
LF2500800	1" Copper Manifold with LF Brass 1/2" ProPEX Ball Valve, 8 outlets
LF2501000	1" Copper Manifold with LF Brass 1/2" ProPEX Ball Valve, 10 outlets
LF2501200	1" Copper Manifold with LF Brass 1/2" ProPEX Ball Valve, 12 outlets
LF2512450	1" x 6' Copper Manifold with 24 LF Brass outlets, 1/2" ProPEX, 3" on center

Brass Fittings	
Item #	Description
LF4513850	ProPEX LF Brass Sweat Adapter, 3/8" PEX x 1/2" Copper
LF4543850	ProPEX LF Brass Coupling, 3/8" PEX x 1/2" PEX
LF4523850	ProPEX LF Brass Male Threaded Adapter, 3/8" PEX x 1/2" NPT
LF2875050	ProPEX LF Copper Tub Ell, 1/2" PEX LF Brass x 1/2" Copper (3" x 6")
LF2885050	ProPEX LF Copper Tub Ell, 1/2" PEX LF Brass x 1/2" Copper (3" x 4")
LF2935050	ProPEX LF Copper Straight Stub, 1/2" PEX LF Brass x 1/2" Copper (8")
LF2945050	ProPEX LF Copper Straight Stub, 1/2" PEX LF Brass x 1/2" Copper (15")
LF2982525	ProPEX LF Brass Flange Adapter Kit, 2 1/2" PEX

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RE: PEX Tubing and Fittings

LF2983030	ProPEX LF Brass Flange Adapter Kit 3" PEX
LF4125050	ProPEX LF Brass Elbow, 1/2" PEX x 1/2" MIP
LF4235038	ProPEX Drop Ear LF Brass Elbow, 1/2" PEX x 3/8" FIP
LF4235050	ProPEX Drop Ear LF Brass Elbow, 1/2" PEX x 1/2" FIP
LF4410500	LF Brass Compression Angle Stop Valve for 1/2" PEX
LF4420500	LF Brass Compression Straight Stop Valve for 1/2" PEX
LF4455050	ProPEX LF Brass In-line Ice Maker Tee, 1/2" PEX x 1/2" PEX x 1/4" O.D. compression
LF4505050	ProPEX LF Brass Fitting Adapter, 1/2" PEX x 1/2" Copper
LF4505075	ProPEX LF Brass Fitting Adapter, 1/2" PEX x 3/4" Copper
LF4515050	ProPEX LF Brass Sweat Adapter, 1/2" PEX x 1/2" Copper
LF4515075	ProPEX LF Brass Fitting Adapter, 1/2" PEX x 3/4" Copper
LF4525050	ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 1/2" NPT
LF4525075	ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 3/4" NPT
LF4545050	ProPEX LF Brass Coupling, 1/2" PEX x 1/2" PEX
LF4575050	ProPEX LF Brass Female Threaded Adapter, 1/2" PEX x 1/2" NPT
LF4575075	ProPEX LF Brass Female Threaded Adapter, 1/2" PEX x 3/4" NPT
LF4585050	ProPEX LF Brass to PB Coupling, 1/2" PEX x 1/2" PB
LF4705050	ProPEX LF Brass Tee, 1/2" PEX x 1/2" PEX x 1/2" PEX
LF4795050	ProPEX LF Brass Ball Valve, 1/2" PEX x 1/2" MIP
LF4805050	ProPEX LF Brass Ball Valve (large bore), 1/2" PEX x 1/2" Copper Adapter
LF4855038	ProPEX LF Brass Angle Stop Valve (full port), 1/2" PEX
LF4865038	ProPEX LF Brass Straight Stop Valve (full port), 1/2" PEX
LF2957575	ProPEX LF Water Heater Adapter, 3/4" PEX LF Brass x 3/4" FIP x 18"
LF4237575	ProPEX Drop Ear LF Brass Elbow, 3/4" PEX x 3/4" FIP
LF4507510	ProPEX LF Brass Fitting Adapter, 3/4" PEX x 1" Copper
LF4507550	ProPEX LF Brass Fitting Adapter, 3/4" PEX x 1/2" Copper
LF4507575	ProPEX LF Brass Fitting Adapter, 3/4" PEX x 3/4" Copper
LF4512525	ProPEX LF Brass Sweat Adapter, 2 1/2" PEX x 2 1/2" Copper
LF4513030	ProPEX LF Brass Sweat Adapter, 3" PEX x 3" Copper
LF4517510	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 1" Copper
LF4517550	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 1/2" Copper
LF4517575	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 3/4" Copper
LF4522525	ProPEX LF Brass Male Threaded Adapter, 2 1/2" PEX x 2 1/2" NPT
LF4523030	ProPEX LF Brass Male Threaded Adapter, 3" PEX x 3" NPT
LF4527510	ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 1" NPT
LF4527575	ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT
LF4547510	ProPEX LF Brass Coupling, 3/4" PEX x 1" PEX
LF4547575	ProPEX LF Brass Coupling, 3/4" PEX x 3/4" PEX
LF4577510	ProPEX LF Brass Female Threaded Adapter, 3/4" PEX x 1" NPT
LF4577575	ProPEX LF Brass Female Threaded Adapter, 3/4" PEX x 3/4" NPT
LF4587575	ProPEX LF Brass to PB Coupling, 3/4" PEX x 3/4" PB
LF4707550	ProPEX LF Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX
LF4707575	ProPEX LF Brass Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX
LF4707710	ProPEX LF Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX
LF4710750	ProPEX LF Brass Elbow, 3/4" PEX x 3/4" PEX

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LF4807575	ProPEX LF Brass Ball Valve (large bore), 3/4" PEX x 3/4" Copper Adapter
LF4231010	ProPEX Drop Ear LF Brass Elbow, 1" PEX x 1" FIP
LF4501010	ProPEX LF Brass Fitting Adapter, 1" PEX x 1" Copper
LF4521010	ProPEX LF Brass Male Threaded Adapter, 1" PEX x 1" NPT
LF4521075	ProPEX LF Brass Male Threaded Adapter, 1" PEX x 3/4" NPT
LF4541010	ProPEX LF Brass Coupling, 1" PEX x 1" PEX
LF4571010	ProPEX LF Brass Female Threaded Adapter, 1" PEX x 1" NPT
LF4591010	ProPEX LF Brass to PE Coupling, 1" PEX x 1" PE
LF4701010	ProPEX LF Brass Tee, 1" PEX x 1" PEX x 1" PEX
LF4701150	ProPEX LF Brass Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX
LF4701175	ProPEX LF Brass Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX
LF4701751	ProPEX LF Brass Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX
LF4701775	ProPEX LF Brass Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX
LF4711000	ProPEX LF Brass Elbow, 1" PEX x 1" PEX
LF4511010	ProPEX LF Brass Sweat Adapter, 1" PEX x 1" Copper
LF4501313	ProPEX LF Brass Fitting Adapter, 1 1/4" PEX x 1 1/4" Copper
LF4511313	ProPEX LF Brass Sweat Adapter, 1 1/4" PEX x 1 1/4" Copper
LF4571313	ProPEX LF Brass Female Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT
LF4521313	ProPEX LF Brass Male Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT
LF4521515	ProPEX LF Brass Male Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT
LF4501515	ProPEX LF Brass Fitting Adapter, 1 1/2" PEX x 1 1/2" Copper
LF4511515	ProPEX LF Brass Sweat Adapter, 1 1/2" PEX x 1 1/2" Copper
LF4571515	ProPEX LF Brass Female Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT
LF4502020	ProPEX LF Brass Fitting Adapter, 2" PEX x 2" Copper
LF4572020	ProPEX LF Brass Female Threaded Adapter, 2" PEX x 2" NPT
LF4522020	ProPEX LF Brass Male Threaded Adapter, 2" PEX x 2" NPT
LFD4815050	ProPEX LF Brass Stop and Drain Ball Valve (Full Port) 1/2" PEX x 1/2" PEX
LFD4817575	ProPEX LF Brass Stop and Drain Ball Valve (Full Port) 3/4" PEX x 3/4" PEX
LFD4811010	ProPEX LF Brass Stop and Drain Ball Valve (Full Port) 1" PEX x 1" PEX
LFR4815050	ProPEX LF Brass Ball Valve (Full Port) 1/2" PEX x 1/2" PEX
LFR4817575	ProPEX LF Brass Ball Valve (Full Port) 3/4" PEX x 3/4" PEX
LFR4811010	ProPEX LF Brass Ball Valve (Full Port) 1" PEX x 1" PEX

Stainless Steel Fittings

Item #	Description
Q8525050	ProPEX Stainless Steel Male Threaded Adapter, 1/2" PEX x 1/2" NPT
Q8527575	ProPEX Stainless Steel Male Threaded Adapter, 3/4" PEX x 3/4" NPT
Q8521010	ProPEX Stainless Steel Male Threaded Adapter, 1" PEX x 1" NPT

Cold Expansion Fittings

Item #	Description
CP4501313	LF ProPEX x CPVC Spigot Adapter, 1 1/4" PEX x 1 1/4" CPVC
CP4501515	LF ProPEX x CPVC Spigot Adapter, 1 1/2" PEX x 1 1/2" CPVC
CP4502020	LF ProPEX x CPVC Spigot Adapter, 2" PEX x 2" CPVC
CP4511313	LF ProPEX x CPVC Socket Adapter, 1 1/4" PEX x 1 1/4" CPVC
CP4511515	LF ProPEX x CPVC Socket Adapter, 1 1/2" PEX x 1 1/2" CPVC

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RE: PEX Tubing and Fittings

CP4512020	LF ProPEX x CPVC Socket Adapter, 2" PEX x 2" CPVC
LFC4822020	ProPEX LF Brass Commercial Ball Valve (full port), 2" PEX x 2" PEX
LFC4825050SS	ProPEX LF Brass Commercial Ball Valve (full port), 1/2" PEX x 1/2" PEX
LFC4827575SS	ProPEX LF Brass Commercial Ball Valve (full port), 3/4" PEX x 3/4" PEX
LFC4821010SS	ProPEX LF Brass Commercial Ball Valve (full port), 1" PEX x 1" PEX
LFC4821313SS	ProPEX LF Brass Commercial Ball Valve (full port), 1 1/4" PEX x 1 1/4" PEX
LFC4821515SS	ProPEX LF Brass Commercial Ball Valve (full port), 1 1/2" PEX x 1 1/2" PEX
LFC4822020SS	ProPEX LF Brass Commercial Ball Valve (full port), 2" PEX x 2" PEX
Q4625050	ProPEX EP Male Threaded Adapter, 1/2" PEX x 1/2" NPT
Q4627575	ProPEX EP Male Threaded Adapter, 3/4" PEX x 3/4" NPT
Q4621010	ProPEX EP Male Threaded Adapter, 1" PEX x 1" NPT
Q4773838	ProPEX EP Coupling, 3/8" PEX x 3/8" PEX
Q4775050	ProPEX EP Coupling, 1/2" PEX x 1/2" PEX
Q4775075	ProPEX EP Coupling, 1/2" PEX x 3/4" PEX
Q4340500	ProPEX EP Swivel Closet Adapter, 1/2" PEX x 7/8" Ballcock
Q4350500	ProPEX EP Plug for 1/2" PEX
Q4360500	ProPEX EP Swivel Faucet Adapter, 1/2" PEX x 1/2" NPSM
Q4755050	ProPEX EP Tee, 1/2" PEX x 1/2" PEX x 1/2" PEX
Q4755575	ProPEX EP Reducing Tee, 1/2" PEX x 1/2" PEX x 3/4" PEX
Q4760500	ProPEX EP Elbow, 1/2" PEX x 1/2" PEX
Q2235577	EP Flow-through Multi-port Elbow, 3 outlets, 3/4" x 3/4" ProPEX
Q2245577	EP Flow-through Multi-port Elbow, 4 outlets, 3/4" x 3/4" ProPEX
Q2277550	3/4" EP Branch Multi-port Tee, 7 outlets with mounting clips
Q2287550	3/4" EP Branch Multi-port Tee, 8 outlets with mounting clips
Q2077550	3/4" EP Branch Multi-port Elbow, 7 outlets with mounting clips
Q2087550	3/4" EP Branch Multi-port Elbow, 8 outlets with mounting clips
Q4350750	ProPEX EP Plug for 3/4" PEX
Q4757550	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX
Q4757555	ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 1/2" PEX
Q4757557	ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 3/4" PEX
Q4757575	ProPEX EP Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX
Q4757710	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX
Q4760750	ProPEX EP Elbow, 3/4" PEX x 3/4" PEX
Q2227557	EP Flow-through Multi-port Tee, 2 outlets, 3/4" x 3/4" ProPEX
Q2231057	EP Flow-through Multi-port Tee, 3 outlets, 1" x 3/4" ProPEX
Q2232102	EP Flow-through Multi-port Tee, 3 (1") outlets, 2" x 2" ProPEX
Q2237757	EP Flow-through Multi-port Vertical Tee, 3 outlets, 3/4" x 3/4" x 3/4" ProPEX
Q2241050	1" EP Branch Multi-port Tee, 4 outlets
Q2241051	EP Flow-through Multi-port Tee, 4 outlets, 1" x 1" ProPEX
Q2247577	EP Flow-through Multi-port Horizontal Tee, 4 outlets, 3/4" x 3/4" x 3/4" ProPEX
Q2237550	3/4" EP Branch Multi-port Tee, 3 outlets
Q2237557	EP Flow-through Multi-port Tee, 3 outlets, 3/4" x 3/4" ProPEX
Q2247550	3/4" EP Branch Multi-port Tee, 4 outlets
Q2247557	EP Flow-through Multi-port Tee, 4 outlets, 3/4" x 3/4" ProPEX
Q2267550	3/4" EP Branch Multi-port Tee, 6 outlets
Q2267557	EP Flow-through Multi-port Tee, 6 outlets, 3/4" x 3/4" ProPEX
Q2271051	1" EP Branch Multi-port Tee, 7 outlets with mounting clips

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RE: PEX Tubing and Fittings

Q2281051	1" EP Branch Multi-port Tee, 8 outlets with mounting clips
Q2337550	3/4" EP Branch Opposing-port Multi-port Tee, 3 outlets
Q2337557	EP Flow-through Opposing-port Multi-port Tee, 3 outlets, 3/4" x 3/4" ProPEX
Q2347550	3/4" EP Branch Opposing-port Multi-port Tee, 4 outlets
Q2347557	EP Flow-through Opposing-port Multi-port Tee, 4 outlets, 3/4" x 3/4" ProPEX
Q2367557	EP Flow-through Opposing-port Multi-port Tee, 6 outlets, 3/4" x 3/4" ProPEX
Q2387550	3/4" EP Branch Opposing-port Multi-port Tee, 8 outlets
Q4751350	ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 1/2" PEX
Q4751505	ProPEX EP Reducing Tee, 1 1/2" PEX x 1" PEX x 1 1/2" PEX
Q4751550	ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/2" PEX x 1/2" PEX
Q4752152	ProPEX EP Reducing Tee, 2" PEX x 1 1/2" PEX x 2" PEX
Q4752250	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1/2" PEX
Q4752500	ProPEX EP Tee, 2 1/2" PEX x 2 1/2" PEX x 2 1/2" PEX
Q4752510	ProPEX EP Reducing Tee, 2 1/2" PEX x 2 1/2" PEX x 1" PEX
Q4752513	ProPEX EP Reducing Tee, 2 1/2" PEX x 2 1/2" PEX x 1 1/4" PEX
Q4752515	ProPEX EP Reducing Tee, 2 1/2" PEX x 2 1/2" PEX x 1 1/2" PEX
Q4752520	ProPEX EP Reducing Tee, 2 1/2" PEX x 2 1/2" PEX x 2" PEX
Q4752522	ProPEX EP Reducing Tee, 2 1/2" PEX x 2" PEX x 2" PEX
Q4752525	ProPEX EP Reducing Tee, 2 1/2" PEX x 2" PEX x 1 1/2" PEX
Q4752557	ProPEX EP Reducing Tee, 2 1/2" PEX x 2 1/2" PEX x 3/4" PEX
Q4761010	ProPEX EP 45 Elbow, 1" PEX x 1" PEX
Q4761515	ProPEX EP 45 Elbow, 1 1/2" PEX x 1 1/2" PEX
Q4761313	ProPEX EP 45 Elbow, 1 1/4" PEX x 1 1/4" PEX
Q4762020	ProPEX EP 45 Elbow, 2" PEX x 2" PEX
Q4762500	ProPEX EP Elbow, 2 1/2" PEX x 2 1/2" PEX
Q4777510	ProPEX EP Coupling, 3/4" PEX x 1" PEX
Q4777575	ProPEX EP Coupling, 3/4" PEX x 3/4" PEX
Q4350750	ProPEX EP Plug for 3/4" PEX
Q2261050	1" EP Branch Multi-port Tee, 6 outlets
Q2261051	EP Flow-through Multi-port Tee, 6 outlets, 1" x 1" ProPEX
Q2261057	EP Flow-through Multi-port Tee, 6 outlets, 1" x 3/4" ProPEX
Q2241057	EP Flow-through Multi-port Tee, 4 outlets, 1" x 3/4" ProPEX
Q2101000	1" EP Branch Multi-port Elbow, 10 outlets with mounting clips
Q2121051	1" EP Branch Multi-port Tee, 12 outlets with mounting clips
Q4771010	ProPEX EP Coupling, 1" PEX x 1" PEX
Q4351000	ProPEX EP Plug for 1" PEX
Q4751010	ProPEX EP Tee, 1" PEX x 1" PEX x 1" PEX
Q4751150	ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX
Q4751175	ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX
Q4751751	ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX
Q4751775	ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX
Q4761000	ProPEX EP Elbow, 1" PEX x 1" PEX
Q2101051	1" EP Branch Multi-port Tee, 10 outlets with mounting clips
Q4751311	ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 1" PEX
Q4751313	ProPEX EP Tee, 1 1/4" PEX x 1 1/4" PEX x 1 1/4" PEX
Q4751317	ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 3/4" PEX
Q4751331	ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 1" PEX
Q4751337	ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 3/4" PEX

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Q4761250	ProPEX EP Elbow, 1 1/4" PEX x 1 1/4" PEX
Q4351250	ProPEX EP Plug for 1 1/4" PEX
Q4771307	ProPEX EP Coupling, 1 1/4" PEX x 3/4" PEX
Q4771310	ProPEX EP Coupling, 1 1/4" PEX x 1" PEX
Q4771313	ProPEX EP Coupling, 1 1/4" PEX x 1 1/4" PEX
Q4351500	ProPEX EP Plug for 1 1/2" PEX
Q4771507	ProPEX EP Coupling, 1 1/2" PEX x 3/4" PEX
Q4771510	ProPEX EP Coupling, 1 1/2" PEX x 1" PEX
Q4771513	ProPEX EP Coupling, 1 1/2" PEX x 1 1/4" PEX
Q4771515	ProPEX EP Coupling, 1 1/2" PEX x 1 1/2" PEX
Q4352000	ProPEX EP Plug for 2" PEX
Q4752000	ProPEX EP Tee, 2" PEX x 2" PEX x 2" PEX
Q4752051	ProPEX EP Reducing Tee, 2" PEX x 1 1/2" PEX x 1" PEX
Q4752053	ProPEX EP Reducing Tee, 2" PEX x 1 1/2" PEX x 1 1/4" PEX
Q4752055	ProPEX EP Reducing Tee, 2" PEX x 1 1/2" PEX x 1 1/2" PEX
Q4752210	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1" PEX
Q4752213	ProPEX EP Reducing Tee, 2" x 2" x 1 1/4"
Q4752215	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1 1/2" PEX
Q4752275	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 3/4" PEX
Q4752575	ProPEX EP Reducing Tee, 2" PEX x 1 1/2" PEX x 3/4" PEX
Q4762000	ProPEX EP Elbow, 2" PEX x 2" PEX
Q4772015	ProPEX EP Coupling, 2" PEX x 1 1/2" PEX
Q4772020	ProPEX EP Coupling, 2" PEX x 2" PEX
Q4772513	ProPEX EP Coupling, 2 1/2" PEX x 1 1/4" PEX
Q4772515	ProPEX EP Coupling, 2 1/2" PEX x 1 1/2" PEX
Q4772520	ProPEX EP Coupling, 2 1/2" PEX x 2" PEX
Q4772525	ProPEX EP Coupling, 2 1/2" PEX x 2 1/2" PEX
Q4762525	ProPEX EP 45 Elbow, 2 1/2" PEX x 2 1/2" PEX
Q4753215	ProPEX EP Reducing Tee, 3" PEX x 2 1/2" PEX x 1 1/2" PEX
Q4753220	ProPEX EP Reducing Tee, 3" PEX x 2" PEX x 2" PEX
Q4753252	ProPEX EP Reducing Tee, 3" PEX x 2 1/2" PEX x 2" PEX
Q4753310	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 1" PEX
Q4753313	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 1 1/4" PEX
Q4753315	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 1 1/2" PEX
Q4753320	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 2" PEX
Q4753325	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 2 1/2" PEX
Q4753375	ProPEX EP Reducing Tee, 3" PEX x 3" PEX x 3/4" PEX
Q4753000	ProPEX EP Tee, 3" PEX x 3" PEX x 3" PEX
Q4763000	ProPEX EP Elbow, 3" PEX x 3" PEX
Q4763030	ProPEX EP 45 Elbow, 3" PEX x 3" PEX
Q4773020	ProPEX EP Coupling, 3" PEX x 2" PEX
Q4773025	ProPEX EP Coupling, 3" PEX x 2 1/2" PEX
Q4773030	ProPEX EP Coupling, 3" PEX x 3" PEX
Q2231373	EP Flow-through Multi-port Tee, 3 (3/4") outlets, 1 1/4" x 1 1/4" ProPEX
Q2231375	1 1/4" EP Branch Multi-port Tee, 3 (3/4") outlets
WS4360750	ProPEX EP Straight Water Meter Connector 3/4" PEX x 1" NPSM
WS4360751	ProPEX EP Elbow Water Meter Connector 3/4" PEX x 1" NPSM
WS4361000	ProPEX EP Straight Water Meter Connector 1" PEX x 1 1/4" NPSM

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RE: PEX Tubing and Fittings

WS4361001	ProPEX EP Elbow Water Meter Connector 1" PEX x 1 1/4" NPSM
SWP4360750	ProPEX EP Straight Water Meter Connector 3/4" PEX x 1" NPSM
SWP4360751	ProPEX EP Elbow Water Meter Connector 3/4" PEX x 1" NPSM
WS4820750	ProPEX LF Straight Water Meter Valve Connector 3/4" PEX x 1" NPSM
WS4820751	ProPEX LF Elbow Water Meter Valve Connector 3/4" PEX x 1" NPSM
WS4821000	ProPEX LF Straight Water Meter Valve Connector 1" PEX x 1 1/4" NPSM
WS4821001	ProPEX LF Elbow Water Meter Valve Connector 1" PEX x 1 1/4" NPSM
LFV2962020	ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2" CTS Groove
LFV2962025	ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2 1/2" CTS Groove
LFV2962525	ProPEX LF Groove Fitting Adapter, 2 1/2" PEX LF Brass x 2 1/2" CTS Groove
LFV2963030	ProPEX LF Groove Fitting Adapter, 3" PEX LF Brass x 3" CTS Groove
LFV2972020	ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2" IPS Groove
LFV2972025	ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2 1/2" IPS Groove
LFV2972520	ProPEX LF Groove Fitting Adapter, 2 1/2" PEX LF Brass x 2" IPS Groove
LFV2972525	ProPEX LF Groove Fitting Adapter, 2 1/2" PEX LF Brass x 2 1/2" IPS Groove
LFV2972530	ProPEX LF Groove Fitting Adapter, 2 1/2" PEX LF Brass x 3" IPS Groove
LFV2973025	ProPEX LF Groove Fitting Adapter, 3" PEX LF Brass x 2 1/2" IPS Groove
LFV2973030	ProPEX LF Groove Fitting Adapter, 3" PEX LF Brass x 3" IPS Groove
LFP4515050	ProPEX LF Brass Copper Press Adapter, 1/2" PEX x 1/2" Copper
LFP4517575	ProPEX LF Brass Copper Press Adapter, 3/4" PEX x 3/4" Copper
LFP4511010	ProPEX LF Brass Copper Press Adapter, 1" PEX x 1" Copper
LFP4511313	ProPEX LF Brass Copper Press Adapter, 1 1/4" PEX x 1 1/4" Copper
LFP4511515	ProPEX LF Brass Copper Press Adapter, 1 1/2" PEX x 1 1/2" Copper
LFP4512020	ProPEX LF Brass Copper Press Adapter, 2" PEX x 2" Copper
LFP4512525	ProPEX LF Brass Copper Press Adapter, 2 1/2" PEX x 2 1/2" Copper
LFP4513030	ProPEX LF Brass Copper Press Adapter, 3" PEX x 3" Copper
LFP4505050	ProPEX LF Brass Copper Press Fitting Adapter, 1/2" PEX x 1/2" Copper
LFP4507575	ProPEX LF Brass Copper Press Fitting Adapter, 3/4" PEX x 3/4" Copper
LFP4501010	ProPEX LF Brass Copper Press Fitting Adapter, 1" PEX x 1" Copper
LFP4501313	ProPEX LF Brass Copper Press Fitting Adapter, 1 1/4" PEX x 1 1/4" Copper
LFP4501515	ProPEX LF Brass Copper Press Fitting Adapter, 1 1/2" PEX x 1 1/2" Copper
LFP4502020	ProPEX LF Brass Copper Press Fitting Adapter, 2" PEX x 2" Copper
LFP4502525	ProPEX LF Brass Copper Press Fitting Adapter, 2 1/2" PEX x 2 1/2" Copper
LFP4503030	ProPEX LF Brass Copper Press Fitting Adapter, 3" PEX x 3" Copper
Q4751501	ProPEX EP Reducing Tee, 1" PEX x 1/2" PEX x 1" PEX
Q4751750	ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 1/2" PEX
Q4751753	ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 1 1/4" PEX
Q4751113	ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 1 1/4" PEX
Q4751377	ProPEX EP Reducing Tee, 1 1/4" PEX x 3/4" PEX x 3/4" PEX
Q4751371	ProPEX EP Reducing Tee, 1 1/4" PEX x 3/4" PEX x 1" PEX
Q4751373	ProPEX EP Reducing Tee, 1 1/4" PEX x 3/4" PEX x 1 1/4" PEX
Q4751577	ProPEX EP Reducing Tee, 1 1/2" PEX x 3/4" PEX x 3/4" PEX
Q4751575	ProPEX EP Reducing Tee, 1 1/2" PEX x 3/4" PEX x 1 1/2" PEX
Q4752110	ProPEX EP Reducing Tee, 2" PEX x 1" PEX x 1" PEX

Uponor, Inc.

RE: PEX Tubing and Fittings

TotalFit Fittings	
Item #	Description
TF4755050	TotalFit Tee, 1/2" x 1/2" x 1/2"
TF4757555	TotalFit Reducing Tee, 3/4" x 1/2" x 1/2"
TF4757550	TotalFit Reducing Tee, 3/4" x 3/4" x 1/2"
TF4757575	TotalFit Tee, 3/4" x 3/4" x 3/4"
TF4751010	TotalFit Tee, 1" x 1" x 1"
TF4751150	TotalFit Reducing Tee, 1" x 1" x 1/2"
TF4751175	TotalFit Reducing Tee, 1" x 1" x 3/4"
TF4760500	TotalFit Elbow, 1/2" x 1/2"
TF4760750	TotalFit Elbow, 3/4" x 3/4"
TF4761000	TotalFit Elbow, 1" x 1"
TF4775050	TotalFit Coupling, 1/2" x 1/2"
TF4775075	TotalFit Coupling, 1/2" x 3/4"
TF4777575	TotalFit Coupling, 3/4" x 3/4"
TF4777510	TotalFit Coupling, 3/4" x 1"
TF4771010	TotalFit Coupling, 1" x 1"
TF4785050	TotalFit Repair Coupling, 1/2" x 1/2"
TF4787575	TotalFit Repair Coupling, 3/4" x 3/4"
TF4781010	TotalFit Repair Coupling, 1" x 1"
TF4350500	TotalFit Plug, 1/2"
TF4350750	TotalFit Plug, 3/4"
TF4351000	TotalFit Plug, 1"
TF4525050	TotalFit Male Threaded Adapter, 1/2" x 1/2" NPT
TF4525075	TotalFit Male Threaded Adapter, 1/2" x 3/4" NPT
TF4527575	TotalFit Male Threaded Adapter, 3/4" x 3/4" NPT
TF4527510	TotalFit Male Threaded Adapter, 3/4" x 1" NPT
TF4521010	TotalFit Male Threaded Adapter, 1" x 1" NPT
TF4575050	TotalFit Female Threaded Adapter, 1/2" x 1/2" NPT
TF4575075	TotalFit Female Threaded Adapter, 1/2" x 3/4" NPT
TF4577575	TotalFit Female Threaded Adapter, 3/4" x 3/4" NPT
TF4577510	TotalFit Female Threaded Adapter, 3/4" x 1" NPT
TF4571010	TotalFit Female Threaded Adapter, 1" x 1" NPT
TF4235050	TotalFit Drop Ear Elbow, 1/2" x 1/2" FNPT
TF4237575	TotalFit Drop Ear Elbow, 3/4" x 3/4" FNPT

Other	
Item #	Description
LF5930500	ProPEX Washing Machine Outlet Box, 1/2" LF Brass Valves
LF5955025	ProPEX Ice Maker Box with Support Brackets, 1/2" LF Brass Valve
Q4690302	ProPEX Ring, 3/8"
Q4690512	ProPEX Ring with Stop, 1/2"
Q4690756	ProPEX Ring with Stop, 3/4"
Q4691000	ProPEX Ring with Stop, 1"
Q4691250	ProPEX Ring with Stop, 1 1/4"

Uponor, Inc.

RE: PEX Tubing and Fittings

Q4691500	ProPEX Ring with Stop, 1 1/2"
Q4692000	ProPEX Ring with Stop, 2"
Q4692500	ProPEX Ring with Stop, 2 1/2"
Q4693000	ProPEX Ring with Stop, 3"
F7040500	1/2" PEX-a Pipe Support, 9-ft. length
F7040750	3/4" PEX-a Pipe Support, 9-ft. length
F7041000	1" PEX-a Pipe Support, 9-ft. length
F7041250	1 1/4" PEX-a Pipe Support, 9-ft. length
F7041500	1 1/2" PEX-a Pipe Support, 9-ft. length
F7042000	2" PEX-a Pipe Support, 9-ft. length
F7042500	2 1/2" PEX-a Pipe Support, 9-ft. length
F7043000	3" PEX-a Pipe Support, 9-ft. length