



Product Catalog

More Varieties of Pex, One Great Source.

AquaHeat
Radiant Heat & Snowmelt

AquaSeal
Pex Piping & Plumbing

Terre-Pex
Pre-insulated Pex-A
Piping Systems

2017-18



Integrating the best technologies by delivering optimal performance and efficiency.



The widest selection of pex pipe under one banner anywhere. Pex-A, Pex-C, Pex-Al-Pex, and Multi-layer C pipe for best features and price points. ProMix and ProLock manifolds and controls provide best distribution and control solutions.



Pex-A and Pex-C in red, blue, and natural colors in a variety of lengths make plumbing with pex fast and easy.



Insulated pex pipe systems for direct burial delivering energy with minimal BTU loss.

TECHNOLOGY INTEGRATION

Implementing new products and tools while embracing proven legacy products delivering what customers promise.

CONTROL AT ANY LEVEL

RESIDENTIAL, COMMERCIAL, INDUSTRIAL

Adding and removing energy precisely for maximum comfort and efficiency.

Providing sufficient systems for fastest return on investment. Re-inventing processes while reducing energy consumption.

TIME HONORED FORWARD THINKING

While the concepts and tools are as old as time, new technologies serve to redefine and reapply known value for greater achievement of needs and goals.

DELIVERING TOMORROW'S TECHNOLOGY TODAY

Building with ComfortPro Systems means compatibility with the next generation of appliances not yet invented.

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Benefits & Approvals

AquaHeat System Solution

Plumbing, heating and cooling systems work better when they work together. That's why ComfortPro delivers a total, integrated solution that's smart, simple, and as energy-efficient as possible.

Demand a better approach

Most others offer single solutions, only ComfortPro has the range of products - and depth of experience - to provide a thorough, solutions-focused approach that maximizes heating and cooling output while minimizing time and effort.

The ComfortPro line of products

Our business is to understand the unique needs of your job - and deliver the very best system for it.

A better approach, A better system.

Benefits & Approvals

AquaHeat and AquaSeal uses only crosslinked polyethylene tubing. Known as PEX, crosslinked polyethylene offers distinct advantages over both metal piping materials and other plastic alternatives. Our pipe is virtually maintenance free. It is corrosion resistant, flexible, and remarkably clean. Long used worldwide, PEX has an outstanding and unblemished track record of quality performance. PEX's crosslinked molecular structure offers toughness and lasting durability. Our crosslinked polyethylene piping withstands temperatures ranging from below freezing to above the boiling point. Because it is pliable, a section of 1/2" pipe can be bent into a 3" (77mm) radius at 68 F (20 C) without affecting tubing integrity. The material is highly crush resistant and can be submerged in concrete or earth without any damage.

Approvals

AquaHeat and AquaSeal PEX pipe has been manufactured to ASTM F-876/F-877/F-2023/E-84/F1960/F-2080, NSF-61, ICC & CSA B137.5 and approved by CSA, IAPMO and ICBO for use with potable water systems. AquaHeat is certified for continuous use at pressures of 100 psi and temperatures up to 180 F.

AquaSeal Pex pipe meets the requirements of ASTM F-2023 chlorine standard. AquaSeal is certified for continuous use at pressures of 100psi and temperatures up to 180 F.

The AquaHeat brass fittings are not approved for potable water use and do not meet the lead free requirements of ASTM F1807 & CSA B137.5 standards.

AquaSeal brass fittings and valves meet the lead free requirements per U.S. Senate Bill S.3874 less than 0.25% Pb. NSF 61G, of ASTM F1807 & CSA B137.5 standards. Fittings with soldering or brazing end conform to ASME B16.22 and NPT male thread , NPSM female thread conform to ANSI/ASME B1.20.1.

The AquaSeal ProPlas plastic fittings meet the requirements of ASTM F-2159 & CSA B137.5 standards.

It is the sole responsibility of the installer to verify that the product meets local standards.

AquaHeat, AquaSeal and ComfortPro® Systems are registered trademarks

AquaHeat Pex-A tubing is made using the Engel method. The Engel method is a hot cross-linking process, meaning the actual cross-linking takes place during the extrusion process when the base polyethylene is above its crystal melting temperature. The Engel method provides more precise control over the degree, consistency and uniformity of cross-linking. This means the tubing is evenly cross-linked, with no weak links within its molecular chains.

PEX-A Piping 94000 Series



Natural Color Pipe

Description	Part #	Qty
3/8" PEX-A x 300' With O ₂ Diffusion Barrier	94312	1
3/8" PEX-A x 1000' With O ₂ Diffusion Barrier	94112	1
1/2" PEX-A X 20' Pipe with O ₂ Barrier	94205	20/Bag
1/2" PEX-A x 100' With O ₂ Diffusion Barrie	94005	1
1/2" PEX-A x 300' With O ₂ Diffusion Barrier	94305	1
1/2" PEX-A x 500' With O ₂ Diffusion Barrier	94505	1
1/2" PEX-A x 1000' With O ₂ Diffusion Barrier	94105	1
5/8" PEX-A x 450' With O ₂ Diffusion Barrier	94419	1
5/8" PEX-A x 500' With O ₂ Diffusion Barrier	94519	1
5/8" PEX-A x 1000' With O ₂ Diffusion Barrier	94119	1
3/4" PEX-A X 20' Pipe with O ₂ Barrier	94222	10/Bag
3/4" PEX-A x 100' With O ₂ Diffusion Barrier	94102	1
3/4" PEX-A x 300' With O ₂ Diffusion Barrier	94322	1
3/4" PEX-A x 500' With O ₂ Diffusion Barrier	94522	1
3/4" PEX-A x 1000' With O ₂ Diffusion Barrier	94122	1
1" PEX-A X 20' Pipe with O ₂ Barrier	94228	5/Bag
1" PEX-A x 100' With O ₂ Diffusion Barrier	94128	1
1" PEX-A x 300' With O ₂ Diffusion Barrier	94328	1
1" PEX-A x 500' With O ₂ Diffusion Barrier	94528	1

PEX-A Piping 94900 series SDR-9



Description	Part #	Qty
PEX-A 1-1/4" X 20' SDR-9 Pipe with O ₂ Barrier	94942	1
PEX-A 1-1/4" X 100' SDR-9 Pipe with O ₂ Barrier	94940	1
PEX-A 1-1/4" X 300' SDR-9 Pipe with O ₂ Barrier	94943	1
PEX-A 1-1/4" SDR-9 Pipe with O ₂ Barrier	94965	Per Ft.
PEX-A 1-1/2" X 20' SDR-9 Pipe with O ₂ Barrier	94952	1'
PEX-A 1-1/2" X 100' SDR-9 Pipe with O ₂ Barrier	94950	1
PEX-A 1-1/2" X 300' SDR-9 Pipe with O ₂ Barrier	94953	1
PEX-A 1-1/2" SDR-9 Pipe with O ₂ Barrier	94955	Per Ft.
PEX-A 2" X 20' SDR-9 Pipe with O ₂ Barrier	94962	1
PEX-A 2" X 100' SDR-9 Pipe with O ₂ Barrier	94963	1
PEX-A 2" X 300' SDR-9 Pipe with O ₂ Barrier	94964	1
PEX-A 2" SDR-9 Pipe with O ₂ Barrier	94965	Per Ft.

Note: Per foot pipe available as cut-to-Length. Max. coil length 1,000'

Additional Service Cutting Charges apply.

PEX-C Piping 98000 series

AquaHeat Pex-C tubing is manufactured using the irradiation method of crosslinking. The Irradiation method the pipe is extruded first and then sent through an accelerator to complete the cross-linking process. The Irradiation method provides more precise control over the degree, consistency and uniformity of cross-linking. This means the tubing is evenly cross-linked, with no weak links within its molecular chains.



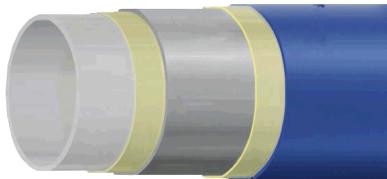
Natural Color Pipe



Description	Part #	Qty
3/8" PEX-C x 300' With O ₂ Diffusion Barrier	98312	1
3/8" PEX-C x 1000' With O ₂ Diffusion Barrier	98112	1
1/2" PEX-C X 20' Pipe with O ₂ Barrier	98205	20/Bag
1/2" Pex-C x 100' With O ₂ Diffusion Barrier	98005	1
1/2" PEX-C x 300' With O ₂ Diffusion Barrier	98305	1
1/2" PEX-C x 1000' With O ₂ Diffusion Barrier	98105	1
5/8" PEX-C x 450' With O ₂ Diffusion Barrier	98419	1
5/8" PEX-C x 1000' With O ₂ Diffusion Barrier	98119	1
3/4" PEX-C X 20' Pipe with O ₂ Barrier	98222	10/Bag
3/4" PEX-C x 100' With O ₂ Diffusion Barrier	98102	1
3/4" PEX-C x 300' With O ₂ Diffusion Barrier	98322	1
3/4" PEX-C x 500' With O ₂ Diffusion Barrier	98522	1
3/4" PEX-C x 1000' With O ₂ Diffusion Barrier	98122	1
1" PEX-C X 20' Pipe with O ₂ Barrier	98228	5/Bag
1" PEX-C x 100' With O ₂ Diffusion Barrier	98128	1
1" PEX-C x 300' With O ₂ Diffusion Barrier	98328	1

MultyGol Pex-AL-Pex 97000 series

MultyGol tubing is a multilayer pipe made of two Pex layers with a continually laser welded aluminum layer in the center. The aluminum layer is bonded to the Pex layers with a special adhesive material. This combination of special raw materials of very high molecular weight result in a special pipe having several important qualities; corrosion resistance, excellent mechanical resistance, lower expansion rate, unique chemical resistance, very low friction coefficient, no oxygen permeation, and high working pressure and temperature.



Description	Part #	Qty
MultyGol 1/2" X 300' Alpex (.551")	97316	1
MultyGol 1/2" X 1000' Alpex (.551")	97116	1
*MultyGol 5/8" X 100' Alpex (.709")	97020	1
*MultyGol 5/8" X 300' Alpex (.709")	97320	1
*MultyGol 5/8" X 500' Alpex (.709")	97520	1
*MultyGol 5/8" X 1000' Alpex (.709")	97120	1
*MultyGol 3/4" X 100' Alpex (.905")	97026	1
*MultyGol 3/4" X 300' Alpex (.905")	97326	1
*MultyGol 3/4" X 500' Alpex (.905")	97526	1
*MultyGol 3/4" X 1000' Alpex (.905")	97126	1
*MultyGol 1" X 100' Alpex (1.14")	97032	1
*MultyGol 1" X 300' Alpex (1.14")	97332	1

Note: * 5/8-1" special order product, minimum order quantities apply.

Pentagol PEX Piping 95000 series

Pentagol is a five layer pex heating pipe with exceptional barrier properties and flexibility. It's Advantages are high flexibility, low oxygen permeability, full scratch protection barrier layer, full moisture protection barrier layer with a black UV outer layer.

- Completely quiet - ideal for wooden floors
- Most flexible for snow melt applications



Description	Part #	Qty
Pentagol 3/8" x 300' five layer with O ₂ diffusion barrier	95312	1
Pentagol 3/8" x 1000' five layer with O ₂ diffusion barrier	95112	1
Pentagol 1/2" x 300' five layer with O ₂ diffusion barrier	95305	1
Pentagol 1/2" x 500' five layer with O ₂ diffusion barrier	95505	1
Pentagol 1/2" x 1000' five layer with O ₂ diffusion barrier	95105	1
Pentagol 5/8" x 20' five layer with O ₂ diffusion barrier	95219	1
Pentagol 5/8" x 450' five layer with O ₂ diffusion barrier	95419	1
Pentagol 5/8" x 1000' five layer with O ₂ diffusion barrier	95119	1
Pentagol 3/4" x 20' five layer with O ₂ diffusion barrier	95202	1
Pentagol 3/4" x 100' five layer with O ₂ diffusion barrier	95102	1
Pentagol 3/4" x 300' five layer with O ₂ diffusion barrier	95322	1
Pentagol 3/4" x 500' five layer with O ₂ diffusion barrier	95522	1
Pentagol 3/4" x 1000' five layer with O ₂ diffusion barrier	95122	1
Pentagol 1" x 20' five layer with O ₂ diffusion barrier	95228	1
Pentagol 1" x 100' five layer with O ₂ diffusion barrier	95128	1
Pentagol 1" x 300' five layer with O ₂ diffusion barrier	95328	1
Pentagol 1" x 500' five layer with O ₂ diffusion barrier	95528	1

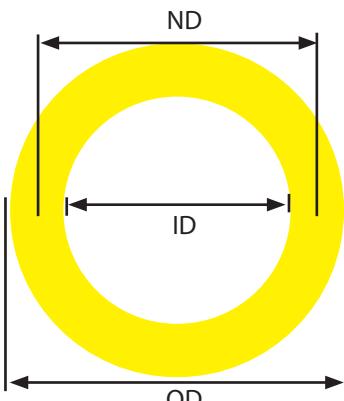
Terre-Pex Insulated Pipes are the ideal solution for delivery of hot and chilled water where the energy preservation is key. Terre-Pex insulated piping provides the highest bending flexibility in the industry and thus minimizes overhead in project related pipe system considerations.

We differentiate Terre-Pex insulated pipes with either single or double carrier pipes for convenient supply and return piping based on project needs.

Terre-Pex insulated pex-A pipe can be delivered in any length required up to full coils of 328 feet. ComfortPro Systems provides a cut-to-length quick ship service for your project's needs. With a wide selection of pipe diameters in stock CPS can provide the right solution for your application requirements.

ComfortPro Systems also offers a full selection of pipe matching brass fittings 1" to 4" (110mm)

SINGLE Pipes



ND = Nominal Diameter

ID = Internal Diameter

OD = Outer Diameter

DOUBLE Pipes



Single Heating Pipes

Art. No.	Medium pipe			Bending radius	water content	Heat capacity	R-value
	Jacket pipe	OD in	s in				
H9032	3.5	1.26	0.11	1.03	9.8	4.34	205
H14040	5.5	1.57	0.15	1.28	13.8	6.72	307
H14050	5.5	1.97	0.18	1.61	15.7	10.53	478
H16063	6.3	2.48	0.23	2.02	21.7	16.71	751
H16075	6.3	2.95	0.27	2.42	29.5	23.85	1126
H20090	7.9	3.54	0.32	2.90	43.3	34.27	1638
H200110	7.9	4.33	0.39	3.54	47.2	51.24	2388
							3.889

Description	Part #	Qty
32mm Single Insulated Pex 90mm Outer Jacket	H9032	1
1-1/4" 40mm Single Insulated Pex 140mm Outer Jacket	H14040	1
1-1/2" 50mm Single Insulated Pex 140mm Outer Jacket	H14050	1
2" 63mm Single Insulated Pex 160mm Outer Jacket	H16063	1
2-1/2" 75mm Single Insulated Pex 160mm Outer Jacket	H16075	1
3" 90mm Single Insulated Pex 200mm Outer Jacket	H20090	1
4" 110mm Single Insulated Pex 200mm Outer Jacket	H200110	1

Double Heating Pipes

Art. No.	Medium pipe			Bending radius	water content	Heat capacity	R-value
	Jacket pipe	OD in	s in				
HD1401	5.5	0.98	0.09	0.8	13.8	5.26	1.02
HD14032	5.5	1.26	0.11	1.03	15.7	8.68	205
HD16040	6.3	1.57	0.15	1.28	23.6	13.45	307
HD16050	6.3	1.97	0.18	1.61	23.6	21.06	478
HD20063	7.9	2.48	0.23	2.02	47.2	33.42	751
							3.595

Description	Part #	Qty
28mm Double Insulated Pex 140mm Outer Jacket	HD1401	1
32mm Double Insulated Pex 140mm Outer Jacket	HD14032	1
1-1/4" 40mm Double Insulated Pex 160mm Outer Jacket	HD16040	1
1-1/2" 50mm Double Insulated Pex 160mm Outer Jacket	HD16050	1
2" 63mm Double Insulated Pex 200mm Outer Jacket	HD20063	1

Track-Plates

Heat Transfer Plates 87000 series



Heat transfer plates are used for Dry Below installations of 3/8", 1/2" or 5/8" pex. Plates provide a direct transfer and heat distribution from Pex piping to the underside of a wooden subfloor. HeatTrak simplifies the installation by allowing the pipe to be snapped in place.

Description	Part #	Qty/bundle
VersaPlate 24" Steel Heat Transfer Plate	87008	50



Description	Part #	Qty/box
HeatTrak 3/8" x 4'	87022	20
HeatTrak 1/2" x 4'	87025	20

ProPanel series



Description	Part #	Qty
ProPanel 24" x 48" x 3/4" 1/2" Pipe	87248	1
ProPanel 24" x 48" x 5/8" 3/8" Pipe	87348	1
*Propanel 24" x 48" x 3/4" Return Bend Panel for 1/2" pipe	87247	1
*Propanel 24" x 48" x 5/8" Return Bend Panel for 3/8" pipe	87347	1

ProPanel is used for Dry-Above applications. ProPanel is available in 24" x 48" aluminum and paper coated sections that allow straight runs, 180 and 90 degree turns. The pipe grooves are specially manufactured on 8" centers so that the pex tubing snaps into the grooves and stays without needing silicone to hold the tubing in place. ProPanel is approved for indoor use manufactured with resilient OSB/particle board and is water resistant.

Note: *Non-stock items and are special order from factory.
Minimum quantities and extended lead times may apply.

Pipe Tracking 89100 series



Pipe tracking provides even pipe spacing and exact regulation of pipe heights and can be fastened to many surfaces; concrete or plywood subfloors, steel Q decking, and styrofoam insulation.

Description	Part #	Qty
3/8", 1/2", 5/8", 3/4" x 39.5" Pipe Tracking	89122	1
Staples for 89122 tracking	82050	500

Supports / Fasteners

Conduit Elbows 86000 series



High impact strength moulded plastic 90 degree long radius elbow, designed to direct and protect heating pipes in transition areas where pipe enters and exits concrete slab.

Description	Part #	Qty/box
3/8" & 1/2" Conduit Elbows	86005	60
5/8" & 3/4" Conduit Elbows	86020	40

Plastic Bend Support 86100 series



Description	Part #	Qty/box
3/8" & 1/2" 90 Degree Plastic Bend Support W/Mounting Ear	86105	10
5/8" 90 Degree Plastic Bend Support W/ Mounting Ear	86106	50



Description	Part #	Qty / Box
Metal Bend Support for 3/8" Pipe	86114	50
Metal Bend Support for 1/2" Pipe	86115	50
Metal Bend Support for 5/8" Pipe	86116	50
Metal Bend Support for 3/4" Pipe	86117	25

Tube Talon 12000 series



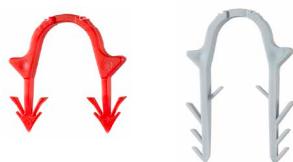
Description	Part #	Qty / Bag
1/2" Tube talon W/Nail	12005	100
3/4" Tube talon W/Nail	12022	100

Multi Tacker Staple Tool



Description	Part #	Qty
Multi Tacker Tool	10221	1
1-1/2" Multi Tacker Staples For 10221 Stapler	10222	300
2-5/8" Multi Tacker Staples For 10221 Stapler	10223	300

Staples are used to fasten pex to insulation.



Straps 89000 series



Description	Part #	Qty/bag
7" Nylon Straps 1M	89107	1000

Cable ties are used to fasten pex piping to wire mesh or rebar.

Claw Clip Fixing Tool 10300 series



Description	Part #	Qty / Box
Claw Clip Fixing Tool	10300	1
1/2"- 5/8" Claw Clip for 3/16" Wire Mesh Blue	10302	400

Claw clips are used to fasten pex piping to wire mesh.

PEX to Sweat Adapters 67000 series



Description	Part #	Qty/bag
1/2" PEX x 1/2" Sweat Adapter	67005	25
5/8" PEX x 3/4" Sweat Adapter	67019	25
3/4" PEX x 3/4" Sweat Adapter	67022	25
1/2" PEX x 1/2" Female Sweat Adapter	67105	25
5/8" PEX x 3/4" Female Sweat Adapter	67119	25
1/2" PEX x 1/2" Sweat 90 Degree Elbow	67305	25
5/8" PEX x 3/4" Fem. Sweat 90 Degree Elbow	67319	25
3/4" PEX x 3/4" Fem Sweat 90 Degree Elbow	67322	25
1/2" PEX x 3/4" Female Sweat Adapter	67505	25
1/2" PEX x 3/4" Sweat 90 Degree Elbow	67705	25

PEX Compression to MIP Adapters 68000 series



Description	Part #	Qty/bag
3/8" PEX x 1/2" MIP Adapter	68012	25
1/2" PEX x 1/2" MIP Adapter	68005	25
5/8" PEX x 3/4" MIP Adapter	68019	25
3/4" PEX x 3/4" MIP Adapter	68022	25

PEX Compression Couplings 69000 series

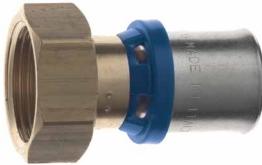


Description	Part #	Qty/bag
3/8" PEX Pipe Coupling	69012	25
1/2" PEX Pipe Coupling	69005	25
5/8" PEX Pipe Coupling	69019	25
3/4" PEX Pipe Coupling	69022	25
1" PEX Pipe Coupling	69028	25

*Note: For hydronic system use only. Not intended for potable water systems.



Series 67000 MultyGol



Description	Part #	Qty/pair
MultyGol 1/2" pipe to manifold connector pair	67012	1
MultyGol 5/8" pipe to manifold connector pair	67058	1
MultyGol 1/2" pipe to manifold connector pair compression style	67112	1
MultyGol 3/4" pipe to manifold connector pair compression style	67034	1



67112 MultyGol

Series 66000 MultyGol



Description	Part #	Qty/each
1/2" ALPEX x 1/2" MALE NPT Adapter	66212	1
5/8" ALPEX x 1/2" MALE NPT Adapter	66258	1
3/4" ALPEX x 1/2" MALE NPT Adapter	66234	1
1/2" ALPEX x 3/4" MALE NPT Adapter	66214	1
3/4" ALPEX x 3/4" MALE NPT Adapter	66334	1
3/4" ALPEX x 1" MALE NPT Adapter	66314	1
1" ALPEX x 1" MALE NPT Adapter	66311	1

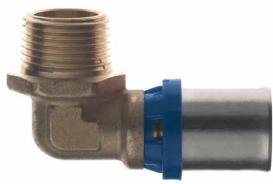
Refer to page 30 for tools

MultyGol Fittings

Series 66000 MultyGol



Description	Part #	Qty/each
1/2" ALPEX x 1/2" NPT Female Adapter	66412	1
5/8" ALPEX x 1/2" NPT Female Adapter	66458	1
5/8" ALPEX x 3/4" FPT Female Adapter	66453	1
3/4" ALPEX x 3/4" FPT Female Adapter	66444	1



Description	Part #	Qty/each
1/2" ALPEX x 1/2" NPT 90 Degree Adapter	66812	1
5/8" ALPEX x 3/4" NPT 90 Degree Adapter	66834	1
3/4" ALPEX x 3/4" NPT 90 Degree Adapter	66844	1
1" ALPEX x 1" NPT 90 Degree Adapter	66813	1



Description	Part #	Qty/each
3/4" ALPEX x 3/4" FEM NPT 90 Deg. Adapter	66933	1
3/4" ALPEX x 1" FEM NPT 90 Deg. Adapter	66913	1



Description	Part #	Qty/each
1/2" ALPEX 90 Deg Coupling	66712	1
3/4" ALPEX 90 Deg Coupling	66734	1



Description	Part #	Qty/each
1/2" x 1/2" ALPEX Coupling	66012	1
5/8" x 5/8" ALPEX Coupling	66058	1
1" x 1" ALPEX Coupling	66001	1

Refer to page 30 for tools

Injection Controls / Valves

Injection Controller 57090 series



Description	Part #	Qty
Thermostatic Head	57091	1
Thermostatic head c/w capillary (104-158 F)	57092	1
Thermostatic head c/w capillary (68-122 F)	57093	1

Zone Valves 62000 series



Provides on/off or modulated flow control for baseboard, fan coils, manifolds.

Description	Part #	Qty
1/2" NPT Straight Zone Valve	62016	1
3/4" NPT Straight Zone Valve	62020	1
1" NPT Straight Zone Valve	62025	1

Thermostatic 3-Way Mixing Valves 62900 series

Thermostatic mixing valve insures accurate temperature protection with varying input temperatures.



Description	Part #	Qty
1" Thermostatic 3-Way Mixing Valve, 85-120 F, 3 cv	62940	1
3/4" Thermostatic 3-Way Mixing Valve, 110-140 F, 1.9 cv	62934	1
1" Thermostatic 3-Way Mixing Valve, 110-140 F, 3.2 cv	62935	1

Snowmelt Sensor 33550 series



Description	Part #	Qty
Dual Sensor Snowmelt Control Only	33550	1
Supply/Return Sensor for 33550 modulating mode 2 Req'd	33555	1



#33551

Description	Part #	Qty
Ground Sensor	33551	1
Outdoor Air Sensor	33552	1
Gutter Sensor	33553	1



#33552



#33553



#33565

Description	Part #	Qty
Snowmelt Relay With Integrated Sensor	33565	1
Snowmelt Relay With 10 Ft Remote Sensor	33570	1



#33570

ProMix 1" Manifolds

ProMix 1" Manifold Kits 2013 series

ProMix 1" Stainless steel modular manifolds operate with a maximum of 194-degree water temperature and 87 psi operating pressure with a flowmeter range of 0-2 gpm. All manifolds come with flow meters with integrated shut off stems providing positive shut off for loop isolation during charging and testing. Total maximum flow rate 14 GPM.



Description	Part #	Qty
2 Port 1" Stainless Steel Flow Balancing Manifold Kit (Valves, Gauges, Vents)	20132	1
3 Port 1" Stainless Steel Flow Balancing Manifold Kit (Valves, Gauges, Vents)	20133	1
4 Port 1" Stainless Steel Flow Balancing Manifold Kit (Valves, Gauges, Vents)	20134	1
5 Port 1" Stainless Steel Flow Balancing Manifold Kit (Valves, Gauges, Vents)	20135	1
6 Port 1" Stainless Steel Flow Balancing Manifold Kit (Valves, Gauges, Vents)	20136	1
7 Port 1" Stainless Steel Flow Balancing Manifold Kit (Valves, Gauges, Vents)	201307	1
8 Port 1" Stainless Steel Flow Balancing Manifold Kit (Valves, Gauges, Vents)	201308	1
9 Port 1" Stainless Steel Flow Balancing Manifold Kit (Valves, Gauges, Vents)	201309	1
10 Port 1" Stainless Steel Flow Balancing Manifold Kit (Valves, Gauges, Vents)	201301	1

ProMix 1" Manifold (only) 2013 series



Description	Part #	Qty
2 Port 1" Stainless Steel Flow Balancing Manifold	20137	1
3 Port 1" Stainless Steel Flow Balancing Manifold	20138	1
4 Port 1" Stainless Steel Flow Balancing Manifold	20139	1
5 Port 1" Stainless Steel Flow Balancing Manifold	201310	1
6 Port 1" Stainless Steel Flow Balancing Manifold	201311	1

ProMix 1 1/4" Manifolds

ProMix 1 1/4" Manifold Kits 201500 series

ProMix 1 1/4" Stainless steel modular manifolds operate with a maximum of 194-degree water temperature and 87 psi operating pressure with a flowmeter range of 0-4 gpm. Total maximum flow rate 19 GPM.



Description	Part #	Qty
2 Port 1 1/4" Stainless Steel Flow Balancing Manifold Kit (Valves, Gauges, Vents)	20152	1
3 Port 1 1/4" Stainless Steel Flow Balancing Manifold Kit (Valves, Gauges, Vents)	20153	1
4 Port 1 1/4" Stainless Steel Flow Balancing Manifold Kit (Valves, Gauges, Vents)	20154	1
5 Port 1 1/4" Stainless Steel Flow Balancing Manifold Kit (Valves, Gauges, Vents)	20155	1
6 Port 1 1/4" Stainless Steel Flow Balancing Manifold Kit (Valves, Gauges, Vents)	20156	1
7 Port 1 1/4" Stainless Steel Flow Balancing Manifold Kit (Valves, Gauges, Vents)	201507	1
8 Port 1 1/4" Stainless Steel Flow Balancing Manifold Kit (Valves, Gauges, Vents)	201508	1
9 Port 1 1/4" Stainless Steel Flow Balancing Manifold Kit (Valves, Gauges, Vents)	201509	1
10 Port 1 1/4" Stainless Steel Flow Balancing Manifold Kit (Valves, Gauges, Vents)	201501	1

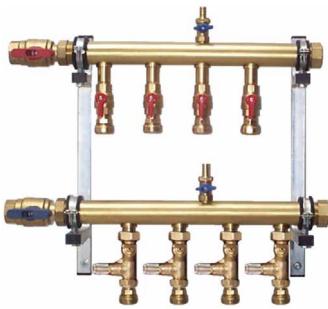
ProMix 1 1/4" Manifold (only) 201500 series



Description	Part #	Qty
2 Port 1 1/4" Stainless Steel Flow Balancing Manifold	20157	1
3 Port 1 1/4" Stainless Steel Flow Balancing Manifold	20158	1
4 Port 1 1/4" Stainless Steel Flow Balancing Manifold	20159	1
5 Port 1 1/4" Stainless Steel Flow Balancing Manifold	201510	1
6 Port 1 1/4" Stainless Steel Flow Balancing Manifold	201511	1

ProMix 1 1/2" Industrial/Geothermal Manifolds

ProMix 1 1/2" Industrial/Geothermal Manifold Kits 201600 series



Note: Accessories pictured above are sold separately.

Description	Part #	Qty
2 Port 1 1/2" Industrial/Heatpump Manifold	201602	1
3 Port 1 1/2" Industrial/Heatpump Manifold	201603	1
4 Port 1 1/2" Industrial/Heatpump Manifold	201604	1
5 Port 1 1/2" Industrial/Heatpump Manifold	201605	1
6 Port 1 1/2" Industrial/Heatpump Manifold	201606	1
7 Port 1 1/2" Industrial/Heatpump Manifold	201607	1
8 Port 1 1/2" Industrial/Heatpump Manifold	201608	1
9 Port 1 1/2" Industrial/Heatpump Manifold	201609	1
10 Port 1 1/2" Industrial/Heatpump Manifold	201610	1

ProMix 1 1/2" industrial / geothermal heat pump manifold is designed for high flow rates, 24 GPM single inlet, with brass body and integrated shutoff valves and circuit setters.

ProMix 1 1/2" Industrial/Heatpump Manifold Accessories



Description	Part #	Qty
ProMix 1 1/2" Steel Manifold Bracket Set	201400	1
ProMix 1 1/2" BSP Union Coupling	201430	
ProMix 1 1/2" NPT x 1 1/2" BSP Isolation Ball Valv	201420	



Description	Part #	qty/each
1" PRO MPT PEX Compression Adapter for Carrier Pipes size 28mm x MPT 1"	30028	1
1' PRO FPT PEX Compression Adapter for Carrier Pipes size 28mm x FPT 1"	30128	1

Manifold Control Module **201344 series



This ProMix manifold extension controls the 2013 series manifold supply water temperature by mixing supply and return water and limits the supply temperature flow through the manifold for e.d. wooden flooring. The integrated pressure by-pass relief allows to operate the manifold directly off a high-temperature primary heating circuit or boiler with a maximum heating capacity of 51,000 BTU/h.

Connection of pumps is provided through 1 1/4" BSP Unions. Suitable pump length 5 1/8" (130mm). Maximum operating temperature 190°F, maximum operating pressure 145 psi, temperature setting range 113°F - 140°F, injection valve is preset at 131°F.

Description	Part #	Qty
Promix 1" Isotherm Manifold Control Module w/o Pump	201344	1

Note: *Non-stock items and are special order from factory.
 Minimum quantities and extended lead times may apply

Manifold By-Pass Set 201345 series

Differential pressure by-pass set can be installed directly onto the ProMix series 1" manifolds (2013 series) and can be adapted to fit 1 1/4" (2015 series). The manifold by-pass set allows for constant pressure in individual manifold loops or zones independent of the count of open zone valves.

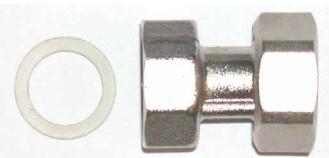


Description	Part #	Qty
Promix 1" Differential Manifold By-Pass Set	201345	1



ProMix Manifold Accessories

ProMix Manifold Coupling Kits



Allows you to couple two manifolds together when you have a manifold location requiring more than six zones. Example: combine two four port manifolds into an eight port.

Description	Part #	Qty
1" Manifold Coupling Kit (2)	201359	1
1 1/4" Manifold Coupling Kit (2)	201558	1

ProMix Manifold Elbow Kits



Elbow kits allow for a compact 90-degree turn making it very easy to connect vertical supply and return pipes.

Description	Part #	Qty
1" Manifold Elbow Kit (2)	201360	1
1 1/4" Manifold Elbow Kit (2)	201559	1

ProMix Manifold Extension Sets



The extension set makes it very simple to add a zone to an existing manifold.

Description	Part #	Qty
1" Manifold Extension Set w/ Flow Supply & Return	201342	1

ProMix End Sets w/ Hose adapter



Description	Part #	Qty
1" Female BSP Manifold End Set w/ Garden Hose thread (2)	201364	1
1 1/4" Female BSP Manifold End Set w/ Garden Hose thread (2)	201565	1

ProMix Manifold Accessories

ProMix Manifold End-Cap Kits



Description	Part #	Qty
1" Manifold End-Cap Kit (2)	201361	1
1 1/4" Manifold End-Cap Kit(2)	201561	1

ProMix Multi-Purpose End Kits



Description	Part #	Qty
1" Manifold Multi-Purpose End Kit w/ vent and charging port (2)	201363	1
1 1/4" Manifold Multi-Purpose End Kit w/ vent and charging port (2)	201563	1

ProMix Manifold Ball Valve



Description	Part #	Qty
1" Manifold Ball Valve Kit (2)	201362	1
1 1/4" Manifold Ball Valve Kit (2)	201562	1

ProMix NPT Balancing Valve



Description	Part #	Qty
1" NPT Balancing Valve 1- 13 GPM	201450	1
1 1/4" NPT Balancing Valve 2- 21 GPM	201451	1

ProMix 3/4" Eurocone Mini Ball Valve



Description	Part #	Qty
3/4" Eurocone Mini Ball Valve	201340	1

Provides positive shutoff and isolation of loops on 2013 and 2015 manifolds

ProMix Manifold Accessories

ProMix Manifold Fitting Series



Note: 10 Bags Per Box



Description	Part #	Qty/bag
3/8" PEX Pipe to Manifold (2013 & 2015) Supply & Return Fittings (pair)	201338	1
1/2" PEX Pipe to Manifold (2013 & 2015) Supply & Return Fittings (pair)	201312	1
5/8" PEX Pipe to Manifold (2013 & 2015) Supply & Return Fittings (pair)	201358	1
3/4" PEX Pipe to Manifold (2013 & 2015) Supply & Return Fittings (pair)	201334	1
3/4" Eurocone Replacement O-Ring	201300	10/pk
3/4" Eurocone Coupling	201332	1

ProMix Manifold Gasket Series



Description	Part #	Qty
1" Manifold Gasket	201305	1
1 1/4" Manifold Gasket	201520	1
1 1/2" Manifold Gasket	201620	1

ProMix Auto Air Vent



Description	Part #	Qty
3/8" BSP Auto Air Vent	201210	1

ProMix Replacement Flow Indicator



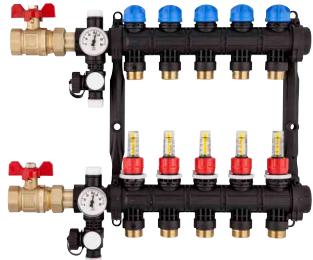
Description	Part #	Qty
Replacement Flow Indicator 0-2 GPM	201114	1
Replacement Flow Indicator 0-4 GPM	201214	1

ProMix Eurocone



Description	Part #	Qty
3/4" Eurocone Blank Cap w/ Gasket	201595	1

ProMixPoly Manifold Kits 2012 series



Operating temperature:
 Max. 140 °F at 87 psi
 Max. 158 °F at 72 psi
 Max. 176 °F at 58 psi
 Max. 194 °F at 44 psi
 @ 1.35 gpm per loop

Description	Part #	Qty
ProMixPoly 2 Loop Polymer Manifold Kit	201202	1
ProMixPoly 3 Loop Polymer Manifold Kit	201203	1
ProMixPoly 4 Loop Polymer Manifold Kit	201224	1
ProMixPoly 5 Loop Polymer Manifold Kit	201205	1
ProMixPoly 6 Loop Polymer Manifold Kit	201206	1
ProMixPoly 7 Loop Polymer Manifold Kit	201207	1
ProMixPoly 8 Loop Polymer Manifold Kit	201208	1
ProMixPoly 9 Loop Polymer Manifold Kit	201209	1
ProMixPoly 10 Loop Polymer Manifold Kit	201201	1
ProMixPoly 11 Loop Polymer Manifold Kit	201211	1
ProMixPoly 12 Loop Polymer Manifold Kit	201212	1

Note: All series 2012 manifold Kits contain flowmeter supply & valved return, vents, drain valves and brackets

ProMixPoly 2012 series accessories



Description	Part #	Qty
ProMixPoly Air Vent Set (2) G 3/8 w/demounting Tool	201238	1
ProMixPoly 90 Deg. Brass Ells (2) & 1 Polymer Spacer	201290	1
ProMixPoly 1" Ball Valve Kit (1 R/1 B hndl) G1 PSMP x NPTF	201228	1
ProMixPoly Drain Valve Kit (2) Valves	201230	1
ProMixPoly Supply Manifold Flow Meter Indicator	201231	1
ProMixPoly Hose Connection Kit G 3/4"	201232	1
ProMixPoly Return Valve with Cap & O-ring	201233	1
ProMixPoly Supply Lockshield Valve with O-ring	201234	1
ProMixPoly Thermal Actuator Polymer Manifold 24V 4 wire	201235	1
ProMixPoly Thermometers (2), dual scale (deg. F / deg. C)	201236	1
ProMixPoly Kit of Vent & Drain Valve, Bracket & Caps (2 ea)	201237	1
ProMixPoly Tool for Replacing Manifold Valves	201239	1
ProMixPoly Wall Bracket Set (2) w/ screws & anchors	201240	1



Pro Zone Controls 45000 Series

ProZone Control Modules

ProZone Control Box Modules regulate actuator and Thermostat on ProMix and ProLock Manifolds. ProZone Modules come as Master Modules and Slave extensions to expand Manifold Zones. Operating temperature 32° F - 122°F Power supply 24 VAC



Description	Part #	Qty
Pro 4 Zone Master w/ Pump Relay Box	450003	1
Pro 6 Zone Master w/ Pump Relay Box	450004	1
Pro 4 Zone Slave Box	450005	1
Pro 6 Zone Slave Box	450006	1

Pro Zone Actuators / Motors



ProZone Actuators match the ProMix line of manifolds 2013xx/2015xx. 4 wire models include an end switch to operate a pump or other function only when actuator is fully opened. Operating temperature 32° F - 122°F, Power supply 24 VAC, Action is Open/Close, NC normally closed.

Description	Part #	Qty
ProMix/ProLock Zone Actuator NC, 24 VDC, 2 Wire	450001	1
ProMix / ProLock Zone Actuator NC, 24 VDC, 4 Wire	450002	1

Pro Digital Series



Description	Part #	Qty
Pro Digital Dual Sensing Stat w/ Probe	450010	1



Pro Digital series stats feature a digital display of actual and targeted temperature. They can be programmed for day and night time reduction. Cooling reverses the limiting function of the stat. Works with external and internal sensors. Stats work with ProZone actuators and ProZone Modules. Pump or other Aux output via TRIAC (15VA, 24VAC). Regulation through Proportional (PI) algorithm.

Measured temperature precision 0.2°F, Operating Temperature 32°F -122°F, Setting Temperature Range 41°F- 86°F, Floor Limiting Temperature Range 50°F- 104°F

Pinchlok Clamps 24100 series

Tools



Description	Part #	Qty / Bag
AquaSeal 1/2" Pex Grip Clamps*	24176	100
AquaSeal 3/4" Pex Grip Clamps*	24234	50
PinchLoK 3/8" Clamps*	24133	100
PinchLoK 5/8" Clamps*	24119	50
PinchLoK 1" Clamps*	24296	50

* Fittings made with Oetiker style clamp tool carry a life time warranty

Note: Please refer to the AquaSeal guide for barbed fittings.

Pinchlock Clamp Tool



Description	Part #	Qty
PinchLoK 3-Handle Clamp Tool (Domestic)	12148	1
PinchLok Oetiker Clamp Tool Refurbish Kit	12222	1

PEX Pipe Cutters

Quick precision cutting on PEX pipe or non-metallic tubing.



Description	Part #	Qty
Plastic Tubing Cutter	10100	1
1/2" x 3/4" Pex Cutter	10101	1



Multi Tacker Staple Tool



Description	Part #	Qty
Multi Tacker Tool Uses 10222 & 10223 Staples	10221	1
1-1/2" Mukti Tacker Staples 300/Box	10222	1
2-3/8"" Mukti Tacker Staples 300/Box	10223	1

Series 66000 MultyPress Tools



Description	Part #	Qty/each
MultyPress Manual Pressing Tool 1/2" & 5/8"	66945	1
MultyPress Deburring Tool and Calibrator 16 to 32 mm	66969	1

Note: For use with the Multi-Gol press fittings. Page 16-17.

PRO PEX Un-Coiler 3/8", 1/2", 5/8", 3/4", 1"

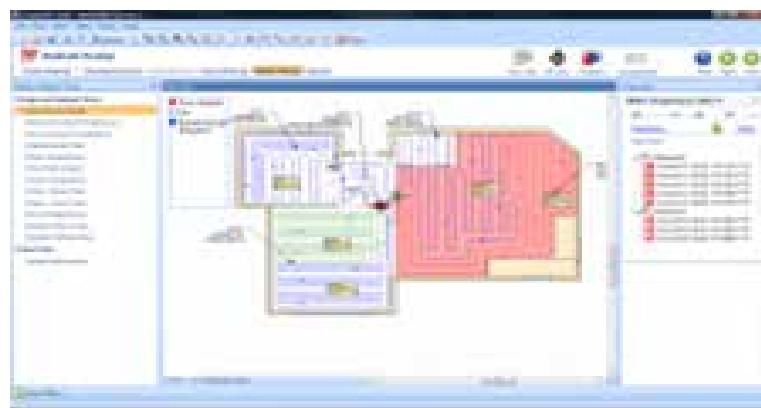


Compact, mobile, efficient uncoiler makes radiant floor heating and plumbing projects simple and fast. Weighs only 64 pounds and is 3' long X 16" high X 6" deep.

Description	Part #	Qty
Portable Pipe Un-coiler	82001	1

LoopCAD® 2016

- New Supply/Return Piping feature allows specification of distribution piping for manifolds.
- New Main Menu design with web-enabled features.
- New Check for Updates feature will automatically notify you when an update is available for download.
- Updated to Manual J Eighth Edition Version 2.5 calculations (MJ8 Edition only).
- New Mirror Drawing function allows flipping of entire floorplan drawing along any axis.
- New Move Floorplan function.
- New Multiple Tube Spacing option now available in Quick Design Mode projects.
- Added options to show Floor Covering type, Room Volume and Perimeter on Custom Tables (Rooms table).
- And here were some of the recent additions in 2015:
- New Quick Design Mode allows you to complete your design without drawing the detailed circuit layout. Reduces your design and quotation time by 50% or more, and lets you add the detailed circuits later if needed.
- New Auto-Rotate feature for building orientation. Finds the maximum cooling load orientation automatically.
- New Thermostat objects that can be added to your drawings (optional).
- New Copy Table feature allows you to copy tables to clipboard and paste them into other programs.



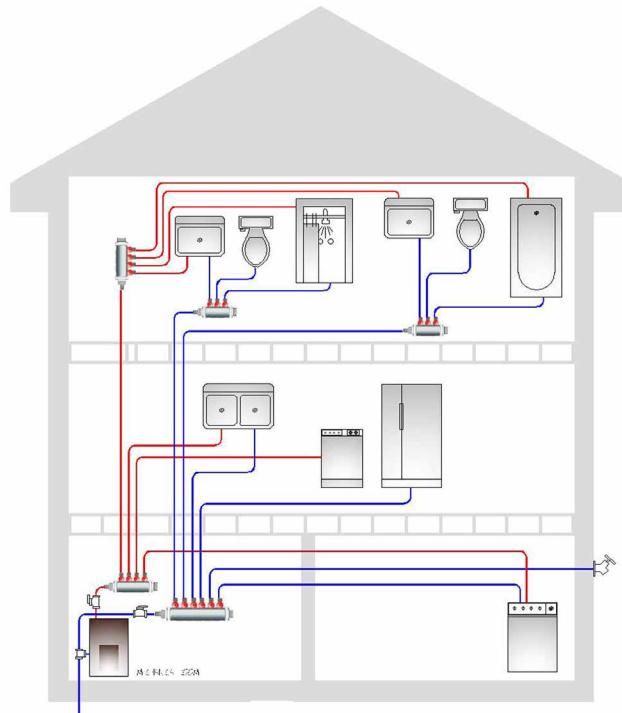
new Generate circuits up to 8X faster

Floorplan drawing/import · Circuit drawing
 ASHRAE and CSA-F280 Heat Loss Calculations
 Hydronic calculations · Snow Melt design

LoopCAD® 2016

www.LoopCAD.com

Pex-A and Pex-C in red, blue, and natural colors in a variety of lengths make plumbing with pex fast and easy.



Home Run method shown.

AquaSeal Advantages

- * Plenum Rated - May be run in drop ceilings and chases
- Totally clean lead free freeze protection
- Flexible - bends easily making installations quicker
- Resists corrosive water and scaling
- Fewer fittings
- Quiet - no water hammer noise
- Equalized pressure drops, minimize hot or cold surges
- Can easily be repaired if pipe is kinked
- Durable/long life
- 25 year limited warranty
- Labor costs reduced by up to 40%
- Light weight
- Approved for continuous re-circulation of hot water
- Fire stop caulk compatible

AquaSeal Connection Options

- Cold Expansion Rings
- Stainless Press Sleeves
- Pinchlock Clamps
- Copper crimp rings

Limitations on AquaSeal

- Should not be exposed to open flame.
 - Should not be permanently exposed to UV light
 - Should not use glue or any material that affects the basic properties of crosslinked polyethylene.
 - Should not be used in excess of 180°F and 100psi.
 - Should not install within 6" of any gas appliance vent piping, or within 12" of any recessed light fixtures.
 - Should not solder pipe connections within 16" of any AquaSeal pipe in the same water line.
 - Should not come into contact with low molecular weight petroleum products such as fuels or solvents.
 - Should not be used for LP or natural gas.
- 32 • For best results installation of fittings should be made above 40 degrees F



Available at: 888-470-2757

PEXHEAT.COM**PEX - A Pipe****Blue Pipe PEX-A 20000A series**

Description	Part #	Qty / Coil Length
Blue Pex-A 1/2" X 20'	20205A	20 / bag
Blue Pex-A 1/2" X 100'	20105A	100'
Blue Pex-A 1/2" X 300'	20305A	300'
Blue Pex-A 1/2" X 1000'	20905A	1000'
Blue Pex-A 3/4" X 20'	20222A	10 / bag
Blue Pex-A 3/4" X 100'	20122A	100'
Blue Pex-A 3/4" X 300'	20322A	300'
Blue Pex-A 1" X 20'	20228A	5 / bag
Blue Pex-A 1" X 100'	20128A	100'

Red Pipe PEX-A 21000A series

Description	Part #	Qty / Coil Length
Red Pex-A 1/2" X 20'	21205A	20 / bag
Red Pex-A 1/2" X 100'	21105A	100'
Red Pex-A 1/2" X 300'	21305A	300'
Red Pex-A 1/2" X 1000'	21905A	1000'
Red Pex-A 3/4" X 20'	21222A	10 / bag
Red Pex-A 3/4" X 100'	21122A	100'
Red Pex-A 3/4" X 300'	21322A	300'
Red Pex-A 1" X 20'	21228A	5 / bag
Red Pex-A 1" X 100'	21128A	100'

Natural PEX-A 92000 series

Description	Part #	Coil Length
Natural Pex-A 1/2" X 20'	92205	20/bag
Natural Pex-A 1/2" X 100'	92105	100'
Natural Pex-A 1/2" X 300'	92305	300'
Natural Pex-A 1/2" X 1000'	92905	1000'
Natural Pex-A 3/4" X 20'	92222	10 / bag
Natural Pex-A 3/4" X 100'	92122	100'
Natural Pex-A 3/4" X 300'	92322	300'
Natural Pex-A 1" X 20'	92228	5 / bag
Natural Pex-A 1" X 100'	92128	100'
Natural Pex-A 1" X 300'	92328	300'

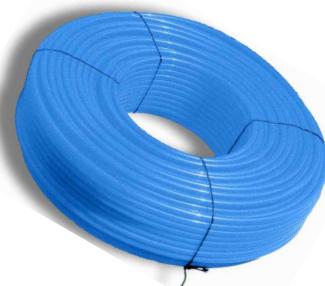
PEX-A Piping 99900 series SDR-9



Description	Part #	Qty
PEX-A 1-1/4" X 20' SDR-9 Pipe	99942	1
PEX-A 1-1/4" X 100' SDR-9 Pipe	99940	1
PEX-A 1-1/4" X 300' SDR-9 Pipe	99943	1
PEX-A 1-1/4" SDR-9 Pipe	99965	Per Ft.
PEX-A 1-1/2" X 20' SDR-9 Pipe	99952	1'
PEX-A 1-1/2" X 100' SDR-9 Pipe	99950	1
PEX-A 1-1/2" X 300' SDR-9 Pipe	99953	1
PEX-A 1-1/2" SDR-9 Pipe	99955	Per Ft.
PEX-A 2" X 20' SDR-9 Pipe	99962	1
PEX-A 2" X 100' SDR-9 Pipe	99963	1
PEX-A 2" X 300' SDR-9 Pipe	99964	1
PEX-A 2" SDR-9 Pipe	99965	Per Ft.

Note: Pipe available as cut-to-Length. Additional Service Charges apply.

Blue Pipe PEX-C 20000 series



Description	Part #	Qty / Coil Length
Blue Pex-C 1/2" X 20'	20205	20 / bag
Blue Pex-C 1/2" X 100'	20105	100'
Blue Pex-C 1/2" X 300'	20305	300'
Blue Pex-C 1/2" X 500'	20505	500'
Blue Pex-C 1/2" X 1000'	20905	1000'
Blue Pex-C 3/4" X 20'	20222	10 / bag
Blue Pex-C 3/4" X 100'	20122	100'
Blue Pex-C 3/4" X 300'	20322	300'
Blue Pex-C 1" X 20'	20228	5 / bag
Blue Pex-C 1" X 100'	20128	100'
Blue Pex-C 1" X 300'	20328	300'

Red Pipe PEX-C 21000 series



Description	Part #	Qty / Coil Length
Red Pex-C 1/2" X 20'	21205	20 / bag
Red Pex-C 1/2" X 100'	21105	100'
Red Pex-C 1/2" X 300'	21305	300'
Red Pex-C 1/2" X 500'	21505	500'
Red Pex-C 1/2" X 1000'	21905	1000'
Red Pex-C 3/4" X 20'	21222	10 / bag
Red Pex-C 3/4" X 100'	21122	100'
Red Pex-C 3/4" X 300'	21322	300'
Red Pex-C 1" X 20'	21228	5 / bag
Red Pex-C 1" X 300'	21328	300'

Natural Pipe PEX-C 99000 series



Description	Part #	Coil Length
Natural Pex-C 1/2" X 20'	99205	20/bag
Natural Pex-C 1/2" X 100'	99105	100'
Natural Pex-C 1/2" X 300'	99305	300'
Natural Pex-C 1/2" X 500'	99505	500'
Natural Pex-C 1/2" X 1000'	99905	1000'
Natural Pex-C 3/4" X 20'	99222	10 / bag
Natural Pex-C 3/4" X 100'	99122	100'
Natural Pex-C 3/4" X 300'	99322	300'
Natural Pex-C 1" X 20'	99228	5 / bag
Natural Pex-C 1" X 100'	99128	100'

Fittings - F1960 Brass

AquaSeal cold expansion F1960 lead free brass fittings conform to ASTM F877, F1960, NSF-61 PW-G, CAN/CSA B137.5 standards.

Pex Rings



Description	Part #	Qty / Bag
1/2" F1960 PEX Ring	39175	50
3/4" F1960 PEX Ring	39133	25
1" F1960 PEX Ring	39169	10

Elbows



Description	Part #	Qty / Bag
1/2" F1960 x 1/2" F1960 Elbow NL	39192	50
3/4" F1960 x 3/4" F1960 Elbow NL	39194	25
1" F1960 x 1" F1960 Elbow NL	39191	10
3/4" F1960 x 3/4" CU Male (Fitting) Elbow NL	39193	25
3/4" F1960 x 3/4" CU Female (Sweat) Elbow NL	39196	25
1/2" F1960 x 1/2" FIP Drop Ear 90 NL	39195	25

Barbed Tees



Description	Part #	Qty / Bag
1/2" F1960 x 1/2" F1960 x 1/2" F1960 Tee NL	39132	50
3/4" F1960 x 3/4" F1960 x 3/4" F1960 Tee NL	39136	25
1" F1960 x 1" F1960 x 1" F1960 Tee NL	39188	10

Description	Part #	Qty / Bag
1/2" F1960 x 1/2" F1960 x 3/4" F1960 Tee NL	39157	25
3/4" F1960 x 1/2" F1960 x 1/2" F1960 Tee NL	39178	25
3/4" F1960 x 1/2" F1960 x 3/4" F1960 Tee NL	39162	25
3/4" F1960 x 3/4" F1960 x 1/2" F1960 Tee NL	39165	25
3/4" F1960 x 3/4" F1960 x 1" F1960 Tee NL	39167	10
1" F1960 x 3/4" F1960 x 3/4" F1960 Tee NL	39135	10
1" F1960 x 1" F1960 x 1/2" F1960 Tee NL	39182	10
1" F1960 x 1" F1960 x 3/4" F1960 Tee NL	39184	10

Fittings - F1960 No Lead Brass

Couplings



Description	Part #	Qty / Bag
1/2" F1960 x 1/2" F1960 Coupling NL	39115	50
3/4" F1960 x 3/4" F1960 Coupling NL	39122	25
1" F1960 x 1" F1960 Coupling NL	39128	2
3/4" F1960 x 1/2" F1960 Coupling NL	39125	25
1" F1960 x 3/4" F1960 Coupling NL	39126	10

Male Sweat Adapter



Description	Part #	Qty / Bag
1/2" F1960 x 1/2" CU Male (Fitting) NL	39105	50
3/4" F1960 x 1/2" CU Male (Fitting) NL	39112	25
3/4" F1960 x 3/4" CU Male (Fitting) NL	39134	25
3/4" F1960 x 1" CU Male (Fitting) NL	39108	10

Female Sweat Adapter



Description	Part #	Qty / Bag
1/2" F1960 x 1/2" CU Female (Sweat) NL	39124	50
1/2" F1960 x 3/4" CU Female (Sweat) NL	39129	25
3/4" F1960 x 1/2" CU Female (Sweat) NL	39127	25
3/4" F1960 x 3/4" CU Female (Sweat) NL	39123	25
3/4" F1960 x 1" CU Female (Sweat) NL	39130	10
1" F1960 x 1" CU Female (Sweat) NL	39111	10

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Fittings - F1960 Brass

PEX Barb x MPT Adaptors



Description	Part #	Qty / Bag
1/2" F1960 x 1/2" MPT Adapter NL	39106	50
3/4" F1960 x 3/4" MPT Adapter NL	39138	25
3/4" F1960 x 1" MPT Adapter NL	39131	10
1" F1960 x 1" MPT Adapter NL	39110	10

FIP and FPT Adapter



Description	Part #	Qty / Bag
1/2" F1960 x 1/2" FPT Adapter NL	39120	50
3/4" F1960 x 1/2" FPT Adapter NL	39142	25
3/4" F1960 x 3/4" FPT Adapter NL	39144	25
3/4" F1960 x 1" FPT Adapter NL	39141	10
1" F1960 x 1" FPT Adapter NL	39140	10

Barbed Plugs



Description	Part #	Qty / Bag
1/2" F1960 x Plug NL	39155	50
3/4" F1960 x Plug NL	39152	25
1" F1960 x Plug NL	39158	10

Ball Valves



Description	Part #	Qty / Bag
1/2" F1960 Full Port Ball Valve NL	39197	1
3/4" F1960 Full Port Ball Valve NL	39198	1
1" F1960 Full Port Ball Valve NL	39199	1



AquaSeal cold expansion F1960 Plastic Poly fittings conform to ASTM F877, F1960, NSF-61 PW-G, CAN/CSA B137.5 standards.

Fittings - F1960 Plastic Poly

Elbows



Description	Part #	Qty / Bag
Poly 1/2" F1960 x 1/2" F1960 Elbow	39292	25
Poly 3/4" F1960 x 3/4" F1960 Elbow	39294	25
Poly 1" F1960 x 1" F1960 Elbow	39291	10

Couplings



Description	Part #	Qty / Bag
Poly 1/2" F1960 x 1/2" F1960 Coupling	39215	25
Poly 3/4" F1960 x 3/4" F1960 Coupling	39222	25
Poly 1" F1960 x 1" F1960 Coupling	39228	25
Poly 3/4" F1960 x 1/2" F1960 Coupling	39227	25

Tees



Description	Part #	Qty / Bag
Poly 1/2" F1960 x 1/2" F1960 x 1/2" F1960 Tee	39232	25
Poly 3/4" F1960 x 3/4" F1960 x 3/4" F1960 Tee	39236	25
Poly 1" F1960 x 1" F1960 x 1" F1960 Tee	39288	10
Description	Part #	Qty / Bag
Poly 1/2" F1960 x 1/2" F1960 x 3/4" F1960 Tee	39257	25
Poly 3/4" F1960 x 1/2" F1960 x 1/2" F1960 Tee	39278	25
Poly 3/4" F1960 x 1/2" F1960 x 3/4" F1960 Tee	39262	25
Poly 3/4" F1960 x 3/4" F1960 x 1/2" F1960 Tee	39265	25
Poly 1" F1960 x 1" F1960 x 3/4" F1960 Tee	39284	10

Adapters



Description	Part #	Qty / Bag
1/2" F1960 x 1/2" MPT Adapter	39206	25
3/4" F1960 x 3/4" MPT Adapter	39238	25

Plugs



Description	Part #	Qty / Bag
Poly 1/2" F1960 Plug	39255	25
Poly 3/4" F1960 Plug	39252	25
Poly 1" F1960 Plug	39258	10

Fittings - F-1807 Brass

AquaSeal lead free brass fittings are manufactured to ASTM F1807 and CSA B137.5 standards and approved by CSA, IAPMO and NSF.

Elbows 38000 series



Description	Part #	Qty / Bag
3/8" Lead Free Brass Barbed Elbow	38012	25
1/2" Lead Free Brass Barbed Elbow	38005	25
3/4" Lead Free Brass Barbed Elbow	38022	25
1" Lead Free Brass Barbed Elbow	38028	15
3/4" x 1/2" Lead Free Brass Barb Elbow	38225	25
1-1/4" Lead Free Brass Barb Elbow	38040	1
1-1/2" Lead Free Brass Barb Elbow	38050	1
2" Lead Free Brass Barb Elbow	38063	1

Barbed Tees 36200 - 36800 series



Description	Part #	Qty / Bag
1/2" Lead Free Brass Barb Tee	36555	25
3/4" Lead Free Brass Barb Tee	36222	25
1" Lead Free Brass Barb Tee	36888	15
1-1/4" Lead Free Brass Barb Tee	36040	1
1-1/2" Lead Free Brass Barb Tee	36050	1
2" Lead Free Brass Barb Tee	36022	1



Description	Part #	Qty / Bag
3/4" x 3/4" x 1/2" Lead Free Brass Barb Tee	36225	25
3/4" x 1/2" x 3/4" Lead Free Brass Barb Tee	36252	25
3/4" x 1/2" x 1/2" Lead Free Brass Barb Tee	36255	25
1/2" x 1/2" x 3/4" Lead Free Brass Barb Tee	36552	25
1" x 3/4" x 3/4" Lead Free Brass Barb Tee	36822	15
1" x 1" x 1/2" Lead Free Brass Barb Tee	36885	15
1" x 1" x 3/4" Lead Free Brass Barb Tee	36882	15
1-1/4" x 1-1/4" x 3/4" Lead Free Brass Barb Tee	36443	1
1-1/2" x 1-1/2" x 3/4" Lead Free Brass Barb Tee	36553	1
1-1/2" x 1-1/2" x 1-1/4" Lead Free Brass Barb Tee	36554	1
2" x 2" x 1" Lead Free Brass Barb Tee	36221	1
2" x 1-1/4" x 1-1/4" Lead Free Brass Barb Tee	36244	1
2" x 1-1/2" x 1-1/4" Lead Free Brass Barb Tee	36254	1
2" x 2" x 1-1/4" Lead Free Brass Barb Tee	36224	1
2" x 2" x 1-1/2" Lead Free Brass Barb Tee	36226	1
2" x 1-1/2" x 1-1/2" Lead Free Brass Barb Tee	36256	1

Fittings - F-1807 Brass

Couplings 39000 series



Description	Part #	Qty / Bag
3/8" Lead Free Brass Barb Coupling	39012	25
1/2" Lead Free Brass Barb Coupling	39005	25
3/4" Lead Free Brass Barb Coupling	39022	25
1" Lead Free Brass Barb Coupling	39028	15
1-1/4" Lead Free Brass Barb Coupling	39040	1
1-1/2" Lead Free Brass Barb Coupling	39050	1
2" Lead Free Brass Barb Coupling	39063	1



Description	Part #	Qty / Bag
1/2" x 3/8" Lead Free Brass Barb Coupling	39006	25
3/4" x 1/2" Lead Free Brass Barb Coupling	39225	25
1" x 3/4" Lead Free Brass Barb Coupling	39226	15
1-1/4" x 1" Lead Free Brass Barb Coupling	39240	1
1-1/2" x 1-1/4" Lead Free Brass Barb Coupling	39540	1
2" x 1-1/2" Lead Free Brass Barb Coupling	39250	1

Male Sweat Adapter 37100 series



Description	Part #	Qty / Bag
1/2" Lead Free Brass Male Sweat Adapter	37105	25
3/4" Lead Free Brass Male Sweat Adapter	37122	25
1" Lead Free Brass Male Sweat Adapter	37128	15
1/2" Pex X 3/4" Lead Free Brass Male Adptr.	37121	25
5/8" Pex X 3/4" Lead Free Brass Male Adptr.	37123	25

Female Sweat Adapter 37200 series



Description	Part #	Qty / Bag
1/2" Lead Free Brass Female Sweat Adapter	37205	25
3/4" Lead Free Brass Female Sweat Adapter	37222	25
1" Lead Free Brass Female Sweat Adapter	37228	25
1/2" Pex x 3/4" Lead Free Brass Fem Swt Adapter	37229	25
5/8" Pex x 3/4" Lead Free Brass Female Swt Adapter	37230	25
1-1/4" Pex x 1-1/4" Lead Free Brass Female Swt Adapter	37440	1
5/8" Pex x 3/4" 90 Deg Lead Free Brass Fem Swt Adapter	37224	25
1/2" Pex x 3/4" 90 Deg Lead Free Brass Fem Swt Adapter	37225	25

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Fittings - F-1807 Brass

PEX Barb x MPT Adaptors 37500 series



Description	Part #	Qty / Bag
3/8" PEX Barb x 1/2" Lead Free MPT Adapter	37512	25
1/2" PEX Barb x 1/2" Lead Free MPT Adapter	37505	25
3/4" PEX Barb x 3/4" Lead Free MPT Adapter	37522	25
1" PEX Barb x 1" Lead Free MPT Adapter	37528	15
1/2" PEX Barb x 3/4" Lead Free MPT Adapter	37552	25
1" PEX Barb x 3/4" Lead Free MPT Adapter	37582	10
1-1/4" PEX Barb x 1-1/4" Lead Free MPT Adapter	37444	1
1-1/2" PEX Barb x 1-1/2" Lead Free MPT Adapter	37555	1
2" PEX Barb x 2" Lead Free MPT Adapter	37022	1
1/2" PEX Barb x 1/2" Lead Free MPT 90 Deg. Adptr	37506	25
1/2" PEX Barb x 3/4" Lead Free MPT 90 Deg. Adptr	37509	25

FIP and FPT Adapter 37600 & 37700 series



Description	Part #	Qty / Bag
3/8" PEX Barb x 1/2" FPT Lead Free Adapter	37620	25
1/2" PEX Barb x 1/2" FPT Lead Free Adapter	37605	25
1/2" PEX Barb x 3/4" FPT Lead Free Adapter	37609	25
3/4" PEX Barb x 3/4" FPT Lead Free Adapter	37622	25
1" PEX Barb x 1" FPT Lead Free Adapter	37628	10
1-1/4" PEX Barb x 1-1/4" FPT Lead Free Adapter	37640	1
1-1/2" PEX Barb x 1-1/2" FPT Lead Free Adapter	37650	1
3/4" PEX x 3/4" FIP Swivel Lead Free Adapter	37722	25
1/2" PEX x 1/2" FIP Swivel Lead Free Adapter	37755	25
1/2" PEX x 3/4" FIP Swivel Lead Free Adapter	37752	25

Barbed Plugs 35000 series



Description	Part #	Qty / Bag
3/8" Lead Free Brass Barbed Plug	35012	25
1/2" Lead Free Brass Barbed Plug	35005	25
3/4" Lead Free Brass Barbed Plug	35022	25
1" Lead Free Brass Barbed Plug	35028	15
1-1/4" Lead Free Brass Barbed Test Plug	35040	1
1-1/2" Lead Free Brass Barbed Test Plug	35050	1
2" Lead Free Brass Barbed Test Plug	35063	1



Drop Ear Elbow 38305



Fittings - F-1807 Brass

Description	Part #	Qty / Bag
1/2" FIP Lead Free Brass Drop Ear Elbow	38305	25

Stub Out Elbow 38205



Description	Part #	Qty / Bag
1/2" Lead Free Stub Out Elbow 3-1/2"x8	38205	1

Ball Valves 33700 series



Description	Part #	Qty
1/2" PEX Straight Lead Free Ball Valve	33705	1
3/4" PEX Straight Lead Free Ball Valve	33722	1
1" PEX Straight Lead Free Ball Valve	33728	1
1-1/4" PEX Straight Lead Free Ball Valve	33740	1
1-1/2" PEX Straight Lead Free Ball Valve	33750	1
2" PEX Straight Lead Free Ball Valve	33763	1

Ball Valves 33500 series



Description	Part #	Qty
1/2" PEX x 3/8" OD Str Lead Free VLV Lever Handle	33505	1



Description	Part #	Qty
1/2" PEX x 3/8" OD Ang Lead Free VLV Lever Handle	33605	1

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Multiport Tees 26000 series



Description	Part #	Qty
3/4" F1807 Inlet W /3-1/2" Outlet Multiport Tee No Lead	26019	1
3/4" F1807 Inlet W /4-1/2" Outlet Multiport Tee No Lead	26020	1
3/4" F1807 Inlet & Outlet W /3-1/2" Outlet Multiport Tee No Lead	26021	1
3/4" F1807 Inlet & Outlet W /4-1/2" Outlet Multiport Tee No Lead	26022	1

Multiport Plastic Tees 26300 series



Description	Part #	Qty / Bag
F1807 3/4" Inlet/Outlet W(2) 1/2" Outlet Plastic Multiport Tee	26332	1
F1807 3/4" Inlet/Outlet W(3) 1/2" Outlet Plastic Multiport Tee	26333	1
F1807 3/4" Inlet/Outlet W(4) 1/2" Outlet Plastic Multiport Tee	26334	1
F1807 3/4" Inlet/Outlet W(6) 1/2" Outlet Plastic Multiport Tee	26336	1



Description	Part #	Qty / Bag
F1807 3/4" Inlet W(2) 1/2" Outlet Plastic Multiport Tee	26322	1
F1807 3/4" inlet W(3) 1/2" Outlet Plastic Multiport Tee	26323	1
F1807 3/4" inlet W(4) 1/2" Outlet Plastic Multiport Tee	26324	1
F1807 1" inlet W(6) 1/2" Outlet Plastic Multiport Tee	26326	1



AquaSeal Proplas plastic fittings are manufactured to ASTM F2159 and CSA B137.5 standards and approved by CSA, IAPMO and NSF.

Fittings - F-2159 PPSU Plastic

ProPlas Elbows 185000 series



Description	Part #	Qty / Bag
ProPlas 1/2" Barb Elbow	185033	50
ProPlas 3/4" Barb x 1/2" Barb ELL	185043	50
ProPlas 3/4" Barb Elbow	185044	50
ProPlas 1" Barb Elbow	185054	25

ProPlas Swivel Elbows 185300 series



Description	Part #	Qty / Bag
ProPlas 1/2" Barb x 1/2" Swivel ELL	185333	50
ProPlas 3/4" Barb x 3/4" Swivel ELL	185344	50

ProPlas Barbed 90 Degree Adapter 195300 series



Description	Part #	Qty / Bag
1/2" Barb x 3/8" Mpt 90 Deg. Adpter	195328	25
1/2" Barb x 1/2" Mpt 90 Deg. Adpter	195322	25
3/4" Barb x 3/4" Mpt 90 Deg. Adpter	195434	25

ProPlas Barbed Tees 16500 series



Description	Part #	Qty / Bag
ProPlas 1/2" x 1/2" x 1/2" Barb Tee	165333	50
ProPlas 3/4" x 3/4" x 3/4" Barb Tee	165444	50
ProPlas 1" x 1" x 1" Barb Tee	165555	25



Description	Part #	Qty / Bag
ProPlas 1/2" x 1/2" x 3/4" Barb Tee	165334	50
ProPlas 3/4" x 1/2" x 1/2" Barb Tee	165433	50
ProPlas 3/4" x 1/2" x 3/4" Barb Tee	165434	50
ProPlas 3/4" x 3/4" x 1/2" Barb Tee	165443	50
ProPlas 1" x 1" x 1/2" Barb Tee	165553	25
ProPlas 1" x 3/4" x 3/4" Barb Tee	165544	25
ProPlas 1" x 3/4" x 1" Barb Tee	165545	25
ProPlas 1" x 1" x 3/4" Barb Tee	165554	25



Fittings - F-2159 PPSU Plastic

ProPlas Barb Coupling 175000 series



Description	Part #	Qty / Bag
ProPlas 1/2" x 1/2" Barb Coupling	175033	50
ProPlas 3/4" x 1/2" Barb Coupling	175043	50
ProPlas 3/4" x 3/4" Barb Coupling	175044	50
ProPlas 1" x 3/4" Barb Coupling	175054	25
ProPlas 1" x 1" Barb Coupling	175055	25

ProPlas Swivel Coupling 195000 series



Description	Part #	Qty / Bag
ProPlas 3/8" Barb x 1/2" Swivel Coupling	195203	50
ProPlas 1/2" Barb x 1/2" Swivel Coupling	195033	50
ProPlas 3/4" Barb x 3/4" Swivel Coupling	195044	50

ProPlas Barbed straight Adapter 195300 series



Description	Part #	Qty / Bag
1/2" Barb x 1/2" MPT Straight Adpter	195333	100
1/2" Barb x 3/4" MPT Straight Adpter	195334	50
3/4" Barb x 3/4" MPT Straight Adpter	195344	100

ProPlas Barbed Plugs 15500 series



Description	Part #	Qty / Bag
ProPlas 3/8" Barb Plug	155038	50
ProPlas 1/2" Barb Plug	155012	25
ProPlas 3/4" Barb Plug	155034	25
ProPlas 1" Barb Plug	155001	25

Press Sleeves & Tools

PEX Pipe Cutters



Description	Part #	Qty
Plastic Tubing Cutter	10100	1
1/2" & 3/4" Pex Tubing Cutter	10101	1

Quick precision cutting on PEX pipe or non-metallic tubing.

Press Sleeves & Tools



Description	Part #	Qty
1/2" Press Sleeve	24312	1
3/4" Press Sleeve	24334	1
1" Press Sleeve	24301	1



Description	Part #	Qty
1" Press Sleeve Tool	13101	1
Close Qtr. Press Sleeve Tool	13102	1
1/2" & 3/4" Combo Press Sleeve Tool	12123	1





NEW! Now with Pex Grip technology!
Stays in place prior to crimping.

Pinchlok Clamps 24100 series



Description	Part #	Qty / Bag
AquaSeal 1/2" Pex Grip Clamps*	24176	100
AquaSeal 3/4" Pex Grip Clamps*	24234	50
PinchLoK 3/8" Clamps*	24133	100
PinchLoK 5/8" Clamps*	24119	50
PinchLoK 1" Clamps*	24296	50

* Fittings made with Oetiker style clamp tool carry a life time warranty

Pinchlok Clamp Tool



Description	Part #	Qty
PinchLoK 3-Handle Clamp Tool (Domestic)	12148	1
One Hand Stainless Clamp Tool 3/8" - 1"	12150	1
PinchLock Oetiker Refurbish Kit	12222	1

Crimp Connectors 24000 series



Description	Part #	Qty
3/8" Crimp Ring, annealed black Copper	24012	100
1/2" Crimp Ring, annealed black copper	24005	100
3/4" Crimp Ring, annealed black copper	24022	100
1" Crimp Ring, annealed black copper	24028	25
1-1/4" Crimp Ring, annealed black copper	24014	25
1-1/2" Crimp Ring, annealed black copper	24016	25
2" Crimp Ring, annealed black copper	24002	25

Crimp Tools 11000 series



Description	Part #	Qty
Crimp Gauge	11100	1
Combination 3/8", 1/2", 3/4", 1" Crimp Ring Tool	11101	1
1/2" & 3/4" SS Crimp Sleeve Die Set For 11101 Tool	11102	1
Combination 1-1/4", 1-1/2", 2" Copper Crimp Ring Tool	11104	1
1/2" Crimp Tool	11105	1
1/2" - 3/4" Crimp Tool	11522	1
3/4" Crimp Tool	11122	1
1" Crimp Tool	11128	1

Full circle crimp, c/w crimp gauge, adjustment wrench and instructions.

Product Properties

HDPE Outer Jacket

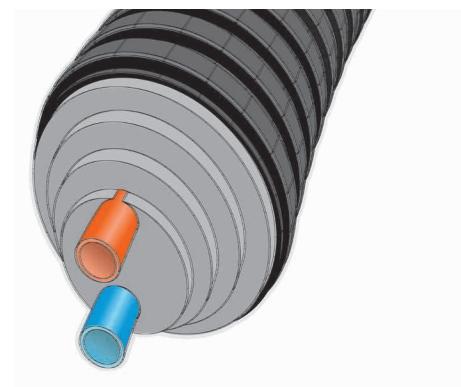
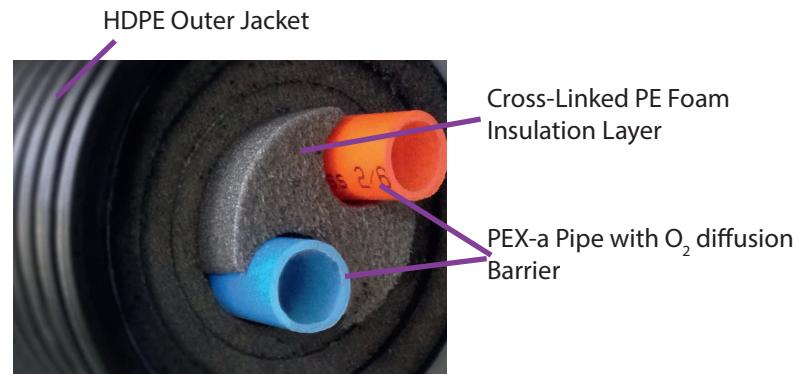
This corrugated high density polyethylene casing provides the necessary mechanical protection and water sealant properties, and is shock-resistant, even at sub-zero temperatures.

Insulation Properties

The insulation of Terre-Pex pipes is fully composed of micro-cellular cross linked polyethylene foam with a closed cellular structure, permitting low water vapor diffusion, good insulation and resistance to extreme temperatures and is not water soluble like competition using polyurethane.

Pex-A Pipe

Plastic pipes have more than proved their quality in recent years. They are flexible, heat and pressure resistant, non-corrosive and lightweight. The Terre-Pex pipe is supplied with pipes manufactured according to the Engel process.



Applications

Terre-Pex Piping Systems are a complete line of flexible piping from 1" to 4" in size with all required accessories for cost effective and permanent installations of:

- District Heating and Cooling running hydronic lines between buildings with minimal energy losses, through unheated spaces, and for extending traditional distribution systems easily and economically
- Underground Piping Systems direct burial of lines up to 328' in length without joints for chilled water, condenser water, or any sub-terranean system requiring minimal heat gains/losses
- Plumbing Systems for networked cold, hot, and recirculated water lines between buildings, to external or remote facilities such barns, animal sheds, etc.
- Radiant & snowmelting Systems for feeding remote manifold boxes or adding onto existing systems
- Interior Building Piping to provide the quickest and most guaranteed installation of piping systems with no couplings or joints, already insulated to save time and money at the jobsite, and allow maximum flexibility of carrier pipes through difficult spaces.

Terre-Pex Insulated Pipes are the ideal solution for delivery of hot and chilled water where the energy preservation is key. Terre-Pex insulated piping provides the highest bending flexibility in the industry and thus minimizes overhead in project related pipe system considerations.

We differentiate Terre-Pex insulated pipes with either single or double carrier pipes for convenient supply and return piping based on project needs.

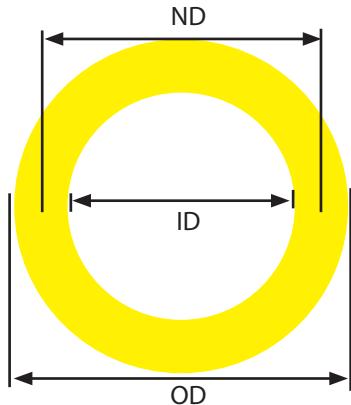
Terre-Pex insulated pex-A pipe can be delivered in any length required up to full coils of 328 feet. ComfortPro Systems provides a cut-to-length quick ship service for your project's needs. With a wide selection of pipe diameters in stock CPS can provide the right solution for your application requirements.

ComfortPro Systems also offers a full selection of pipe matching brass fittings 1" to 4" (110mm)

Energy Efficiency of Terre-Pex Pipes (R-Value)

Insulation Efficiency is commonly referred to as R-value. The tables below show R-Values for Terre-Pex Single and Double pipes.

Nomenclature Diameters



ND = Nominal Diameter

ID = Internal Diameter

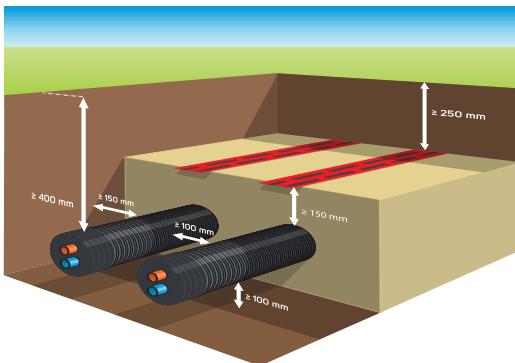
OD = Outer Diameter

Single Heating Pipes

Art. No.	Medium				Bending radius	water content	Heat capacity	R-value
	Jacket pipe	OD	OD	s				
		in	in	in	in	gal/100ft	Btu/hr	Btu/hr /ft / °F
H9032	3.5	1.26	0.11	1.03	9.8	4.34	205	7.064
H14040	5.5	1.57	0.15	1.28	13.8	6.72	307	6.868
H14050	5.5	1.97	0.18	1.61	15.7	10.53	478	6.868
H16063	6.3	2.48	0.23	2.02	21.7	16.71	751	6.434
H16075	6.3	2.95	0.27	2.42	29.5	23.85	1126	5.229
H20090	7.9	3.54	0.32	2.90	43.3	34.27	1638	5.227
H200110	7.9	4.33	0.39	3.54	47.2	51.24	2388	3.889

Double Heating Pipes

Art. No.	Medium				Bending radius	water content	Heat capacity	R-value
	Jacket pipe	OD	OD	s				
		in	in	in	in	gal/100ft	Btu/hr	Btu/hr /ft / °F
HD1401	5.5	0.98	0.09	0.8	13.8	5.26	1.02	7.109
HD14032	5.5	1.26	0.11	1.03	15.7	8.68	205	5.661
HD16040	6.3	1.57	0.15	1.28	23.6	13.45	307	5.468
HD16050	6.3	1.97	0.18	1.61	23.6	21.06	478	3.918
HD20063	7.9	2.48	0.23	2.02	47.2	33.42	751	3.595



Quick Installation

1. Simply dig a trench (Minimum 24" deep)
2. Place 6" of sand into trench
3. Lay the Terre-Pex pipe in the trench
4. Cover over with fine earth or sand
5. Connect to appliance or wall outlet, e.g. boiler or heat exchanger

No compensation elements needed since the pipe moves inside the HDPE jacket with temperature.

SINGLE Pipes



Description	Part #	Qty
32mm Single Insulated Pex 90mm Outer Jacket	H9032	1
1-1/4" 40mm Single Insulated Pex 140mm Outer Jacket	H14040	1
1-1/2" 50mm Single Insulated Pex 140mm Outer Jacket	H14050	1
2" 63mm Single Insulated Pex 160mm Outer Jacket	H16063	1
2-1/2" 75mm Single Insulated Pex 160mm Outer Jacket	H16075	1
3" 90mm Single Insulated Pex 200mm Outer Jacket	H20090	1
4" 110mm Single Insulated Pex 200mm Outer Jacket	H200110	1

DOUBLE Pipes



Description	Part #	Qty
28mm Double Insulated Pex 140mm Outer Jacket	HD1401	1
32mm Double Insulated Pex 140mm Outer Jacket	HD14032	1
1-1/4" 40mm Double Insulated Pex 160mm Outer Jacket	HD16040	1
1-1/2" 50mm Double Insulated Pex 160mm Outer Jacket	HD16050	1
2" 63mm Double Insulated Pex 200mm Outer Jacket	HD20063	1

NPT Connectors



Operating Range

- Pressures of up to 87 Psi in heating applications with PEX piping from 1" to 4" diameter
- Pressure of up to 140 Psi in plumbing applications with PEX piping from 1" to 2 1/2" diameter

Couplings can be combined with other brass accessories to make T- and knee couplings, connecting pieces, etc.

Description	Part #	Qty
32mm NPT Pex Connector	HC32/1	1
1-1/4" NPT 40mm Pex Connector	HC40/1.25M	1
1-1/2" NPT 50mm Pex Connector	HC50/1.5M	1
2" NPT 63mm Pex Connector	HC63/2M	1
2-1/2" NPT 75mm Pex Connector	HC75/2.5M	1
3" NPT 90mm Pex Connector	HC90/3M	1
4" NPT 110mm Pex Connector	HC110/4M	1

Single Pipe Dust Caps



Description	Part #	Qty
1" 32mm Single Dust Cap 90mm OD	DEC90/32	1
1-1/4" 40mm Single Dust Cap 140mm OD	DEC140/40	1
1-1/2" 50mm Single Dust Cap 140mm OD	DEC140/50	1
2" 63mm Single Dust Cap 160mm OD	DEC160/63	1
2-1/2" 75mm Single Dust Cap 160mm OD	DEC160/75	1
3" 90mm Single Dust Cap 200mm OD	DEC200/90	1
4" 110mm Single Dust Cap 200mm OD	DEC200/110	1

Double Pipe Dust Caps



Description	Part #	Qty
1" 32mm Double Dust Cap 140mm OD	DECD140/32	1
1-1/4" 40mm Double Dust Cap 160mm OD	DECD160/40	1
1-1/2" 50mm Double Dust Cap 160mm OD	DECD160/50	1
2" 63mm Double Dust Cap 200mm OD	DECD200/63	1

Single Pipe Shrink Caps



Description	Part #	Qty
Single 1-1/4" & 1-1/2" Shrink Cap	SEC/40	1
Single 2" & 2-1/2" Shrink Cap	SEC/70	1
Single 3" & 4" Shrink Cap	SEC/80	1

Double Pipe Shrink Caps



Description	Part #	Qty
1" Double Shrink Cap 140mm OD	SECD/10	1
1-1/4" Double Shrink Cap 160mm OD	SECD/40	1
1-1/2" Double Shrink Cap 160mm OD	SECD/50	1
2" Double Shrink Cap 200mm OD	SECD/60	1

Shrink Sleeves (SSL series)

Terre-Pex SINGLE and DOUBLE pipe Shrink Sleeve for HDPE jacket repair. An easy to use way to seal small cuts or damages to the outer jacket. The Terre-Pex shrink sleeve provides leakage protection into the insulation layer.



Description	Part #	Qty
90mm & 110mm Shrink Sleeve 225mm long	SSL90/110	1
140mm & 160mm Shrink Sleeve 225mm long	SSL140/160	1
200mm & 225mm Shrink Sleeve 225mm long	SSL200/225	1

R Series Repair Tape



Description	Part #	Qty
200mm wide 10mm long	RETAP-H	1
150mm wide 10mm long	RETAP-C	1



THE FOLLOWING ITEMS ARE SPECIAL ORDER PRODUCTS

Terre-Pex Single and Double pipe (Not waterproof) Wall Feed-Through to hold Terre-Pex pipe jackets in place for wall openings, etc.



Description	Part #	Qty
Fits 75 & 90mm Pipe 400mm Long	WLS75/90	1
Fits 110mm Pipe 400mm Long	WLS110	1
Fits 140 & 160mm Pipe 400mm Long	WLS140/160	1
Fits 200mm Pipe 400mm Long	WLS200	1

SIS Series Terre-Pex Straight Insulation Sleeves



Description	Part #	Qty
Straight Insulation Sleeves 225mm x 1000mm long	SIS200	1
Straight Insulation Sleeves 180mm x 1000mm long	SIS160	1
Straight Insulation Sleeves 160mm x 850mm long	SIS140	1
Straight Insulation Sleeves 125mm x 700mm long	SIS110	1
Straight Insulation Sleeves 110mm x 700mm long	SIS90/75	1

T Series Terre-Pex Insulation Kit



Description	Part #	Qty
Fits 225/200/160/140mm Jacket Pipes	TIK225/140	1
Fits 140/110/90mm Jacket pipes	TIK140/90	1

L Series Terre-Pex Insulation Kit



Description	Part #	Qty
Fits 225/200/160/140mm Jacket Pipes	LIK225/140	1

Y Series Terre-Pex Insulation Kit

Description	Part #	Qty
Fits 225/200/160/140mm Jacket Pipes	YIK225/140	1

THE FOLLOWING ITEMS ARE SPECIAL ORDER PRODUCTS

U Series Terre-Pex Underground Inspection Chamber



Description	Part #	Qty
Fits 225/200/160/140mm Jacket Pipes	UIC225/140	1

U Series Terre-Pex Shrink Sleeve For Underground Inspection Chamber

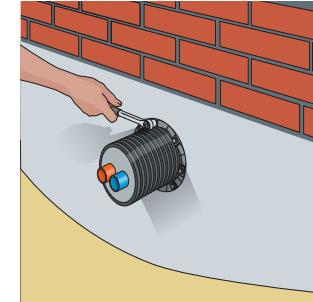
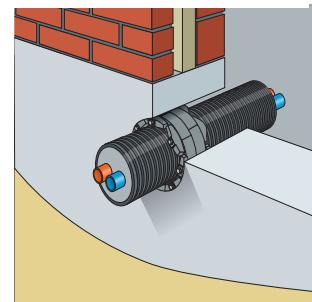
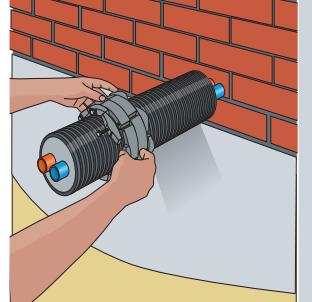
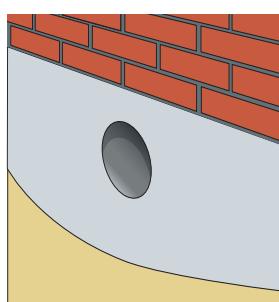
Description	Part #	Qty
Fits 200mm Jacket 225mm Long	SSL200/225	1
Fits 160mm Jacket 225mm Long	SSL160/180	1
Fits 140mm Jacket 225mm long	SSL140/160	1

SCHA Terre-Pex Seal Chain Assembly

Terre-Pex Single and Double Pipe Seal Chain Assembly Wall Feed-Through allow to securely anchor Terre-Pex pipe outer jackets or large diameter PEX piping in wall openings. Easy on-site assembly.



Description	Part #	Qty
Fits 90mm Pipe -150mm Wall Openning	SCHA9/340	1
Fits 110mm Pipe -150mm Wall Openning	SCHA10/300	1
Fits 140mm Pipe -200mm Wall Openning	SCHA13/340	1
Fits 160mm Pipe -250mm Wall Openning	SCHA9/475	1
Fits 200mm Pipe -250mm Wall Openning	SCHA9/325	1



ComfortPro Systems Factory Warranties

Radiant heating and snowmelting products

Pex Tubing: Type A series 94000 and C series 98000, MultyGol series 97000 and PentaGol series 95000 tubing have a 25 year factory limited warranty.

Accessories: ProMix and ProLock manifolds, ProMiix boiler and header modules, Isotherm controls and by-pass modules, ProZone thermostats and controls, all have a 2 year factory limited warranty.

Fittings & Parts: All fittings, heat transfer plates, HeatTrak, Floor-panel, supports, fasteners, all have a 1 year factory limited warranty.



Insulated Pex Tubing: All Single and Double tubing outer jacket, insulation and carrier pipes have a 10 year factory limited warranty.

Accessories: All wall sleeves, shrink and dust caps, casting tees, elbows, trousers, inspection chamber and Jentro fittings have a 10 year factory limited warranty.



Pex Tubing: Type A series (20000A, 21000A, 92000A) and C series (20000, 21000, 99000) plumbing tubing in red, blue, natural including pipe-in-pipe series (92000) have a 25 year factory limited warranty.

Fittings & Parts: All fittings, valves, supports, and fasteners have a 1 year factory limited warranty.

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Conversion Tables

MULTIPLY	BY	TO OBTAIN
Atmospheres (std.)		
760 MM of Mercury at 32° F.	14.696	Lbs./sq. inch
Atmospheres	76.0	Cms. of mercury
Atmospheres	29.92	In. of mercury
Atmospheres	33.90	Feet of water
Atmospheres	1.0333	Kgs. / sq. ft.
Atmospheres	14.70	Lbs. / sq. inch
Atmospheres	1.058	Tons / sq.ft.
Brit. Therm Units	0.2520	Kilogram-calories
Brit. Therm Units	777.5	Foot-lbs. / sec.
Brit. Therm Units	0.000393	Horse-power
Brit. Therm Units	0.293	Watt-hrs.
BTU / min.	12.96	Foot-lbs. / sec.
BTU / min	0.02356	Horse-power
BTU / min	0.01757	Kilowatts
BTU / min	17.57	Watts
Calorie	0.003968	BTU
Centimeters	0.3937	Inches
Centimeters	0.03280	Feet
Centimeters	0.01	Meters
Centimeters	10	Millimeters
Centimeters. of Merc.	0.01316	Atmospheres
Centimeters. of Merc.	0.4461	Feet of water
Centimeters. of Merc.	136.0	Kgs. / sq. meter
Centimeters. of Merc.	27.85	Lbs. / sq. ft.
Centimeters. of Merc.	0.1934	Lbs. / sq. inch
Cubic feet	2.832x10 ⁴	Cubic cms. / sec.
Cubic feet	1728	Cubic inches
Cubic feet	0.02832	Cubic meters
Cubic feet	0.03704	Cubic yards
Cubic feet	7.480052	Gallons US

MULTIPLY	BY	TO OBTAIN
Cubic feet / minute	472.0	Cubic cms. / sec.
Cubic feet / minute	0.1247	Gallons / sec.
Cubic foot water	62.4	Pounds @ 60° F.
Feet	30.48	Centimeters
Feet	12	Inches
Feet	0.3048	Meters
Feet	1/3	Yards
Feet of water	0.4335	Lbs. / sq. inch
Feet / min.	0.5080	Centimeters / sec.
Feet / min.	0.01667	Feet / sec.
Feet / min.	0.01829	Kilometers / hr.
Feet / min.	0.0348	Meters / min.
Feet / min.	0.01136	Miles / hr.
Foot-pounds	0.001286	BTU
Gallons	3785	Cu. centimeters
Gallons	0.1337	Cubic feet
Gallons	231	Cubic inches
Gallons	128	Fluid ounces
Gallons	3.785	Liters
Gallons water	8.35	Lbs. water @ 60° F
Horse-power	42.44	BTU / min.
Horse-power	33.000	Foot-lbs. / min.
Horse-power	550	Foot-lbs. / sec.
Horse-power	0.7457	Kilowatts
Horse-power	745.7	Watts
Horse-power (boiler)	33,479	BTU / hr.
Horse-power (boiler)	9.803	Kilowatts
Horse-power - hours	2547	BTU
Horse-power - hours	0.7457	Kilowatt-hours

MULTIPLY	BY	TO OBTAIN
Inches	2.540	Centimeters
Inches	25.4	Millimeters
Inches	0.0254	Meters
Inches	0.0833	Foot
Inches of mercury	0.03342	Atmospheres
Inches of mercury	1.133	Feet of water
Inches of mercury	13.57	Inches of water
Inches of mercury	70.73	Lbs. / sq. ft
Inches of mercury	0.4912	Lbs. / sq. inch
Inches of water	0.002458	Atmospheres
Inches of water	0.07355	Feet of water
Inches of water	0.5781	Inches of water
Inches of water	5.202	Lbs. / sq. ft
Inches of water	0.03613	Lbs. / sq. inch
Kilowatts	56.92	BTU / min.
Kilowatts	1.341	Horse-power
Kilowatts	1000	Watts
Kilowatt - hours	3415	BTU
Meters	100	Centimeters
Meters	3.281	Feet
Meters	39.37	Inches
Meters	1000	Millimeters
Meters	1.094	Yards
Ounces (Fluid)	1.805	Cubic inches
Ounces (Fluid)	0.02957	Liters
Ounces / sq. inch	0.0625	Lbs. / sq. inch
Ounces / sq. inch	1.73	Inches of water
Pints	0.4732	Liter

MULTIPLY	BY	TO OBTAIN
Pounds (avoir.)	16	Ounces
Pounds of water	0.01602	Cubic feet
Pounds of water	27.68	Cubic inches
Pounds of water	0.1198	Gallons
Pounds / sq. foot	0.01602	Feet of water
Pounds / sq. foot	0.006945	Pounds / sq. inch
Pounds / sq. inch	0.06804	Atmospheres
Pounds / sq. inch	2.307	Feet of water
Pounds / sq. inch	2.036	In. of mercury
Pounds / sq. inch	27.68	Inches of water
Temp. (°C.) +273	1	Abs. temp (°C)
Temp. (°C.) +17.78	1.8	Temp. (°F)
Temp. (°F.) +460	1	Abs. temp (°F)
Temp. (°F.) -32	5/9	Temp. (°F)
Therm	100,000	BTU
Tons (long)	2240	Pounds
Ton, Refrigeration	12,000	BTU / hr.
Tons (short)	2000	Pounds
Watts	3.415	BTU
Watts	0.05692	BTU / MIN
Watts	44.26	Foot-pounds / min.
Watts	0.7376	Foot-pounds / sec.
Watts	0.001341	Horse-power
Watts	0.001	Kilowatts
Watt-hours	3.415	BTU / hr.
Watt-hours	2655	Foot-pounds
Watt-hours	0.001341	Horse-power hrs.
Watt-hours	0.001	Kilowatt-hours



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