

Radiant PEX

PEX Tubing CrimpRing Fittings CinchClamp Fittings Compression Fittings



WattsRadiant
Floor Heating & Snowmelting

A subsidiary of Watts Water Technologies, Inc.



RadiantPEX® and WaterPEX® Tubing

Barrier RadiantPEX and Non-barrier WaterPEX are durable, flexible, cross-linked polyethylene tubing with excellent flow characteristics. Both products carry a 25-year warranty for hydronic heating floor heating and snowmelting applications.



Manufactured to ASTM standard F 876.
 Manufactured to ASTM standard F 876.
 Manufactured to ASTM standard F 2023.
 (Resistance to Hot Chlorinated Water).



Listed to ICC ESR-1155.
 Compliance with the following codes: IPC, UPC, UMC, UPC.



Tested and listed by the National Sanitation Foundation, NSF-pw Standards 14 and 61, and NSF-rfh (radiant floor heating). Complies with both the Domestic Continuous re-circulation (CL-R) and the Traditional Domestic (CL-TD) end use conditions as specified in NSF Protocol P171. Certified to CSA Standard CAN/B137.5. Certified to Uniform Plumbing Code.

RadiantPEX® Coils — Barrier PEX tubing for radiant heating and snowmelting.

DESCRIPTION	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)
3/8" RadiantPEX x 600' Coil	PB032061-600	81000850	26
1/2" RadiantPEX x 100' Coil	PB032081-100	81001680	6
1/2" RadiantPEX x 300' Coil	PB032081-300	81003406	17
1/2" RadiantPEX x 600' Coil	PB032081-600	81001682	27
1/2" RadiantPEX x 1000' Coil	PB032081-1000	81001681	55
5/8" RadiantPEX x 600' Coil	PB032101-600	81001684	51
5/8" RadiantPEX x 1200' Coil	PB032101-1200	81001683	102
3/4" RadiantPEX x 100' Coil	PB032121-100	81001685	11
3/4" RadiantPEX x 300' Coil	PB032121-300	81005303	27
3/4" RadiantPEX x 600' Coil	PB032121-600	81001688	53
3/4" RadiantPEX x 1200' Coil	PB032121-1200	81001686	106
1" RadiantPEX x 100' Coil	PB032161-100	81004923	18
1" RadiantPEX x 300' Coil	PB032161-300	81009361	26
1" RadiantPEX x 600' Coil	PB032161-600	81002954	107
1-1/4" RadiantPEX x 100' Coil	PB032181-100	81009109	26
1-1/4" RadiantPEX x 300' Coil	PB032181-300	81009110	73

RadiantPEX® Sticks — Barrier PEX sticks for hydronic supply and return piping.

DESCRIPTION	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)
3/4" RadiantPEX x 20' (bundle of 25 sticks)	PB32121-20	81007368	23
1" RadiantPEX x 20' (bundle of 5 sticks)	PB032161-20	81007367	16
1-1/4" RadiantPEX x 20' (bundle of 5 sticks)	PB032181-20	81009118	24

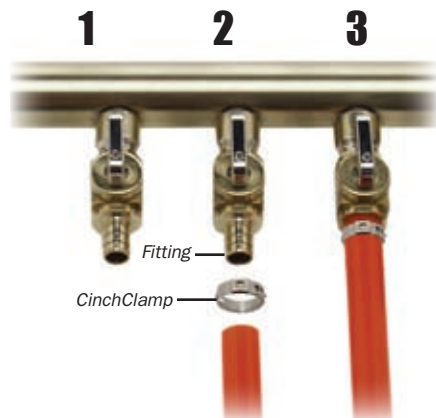
WaterPEX® Coils — Non-barrier PEX for heating and snowmelting

DESCRIPTION	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)
1/2" WaterPEX x 300' Coil, White	P022081-300W	81005320	16
1/2" WaterPEX x 500' Coil, White	P022081-500W	81004110	24
1/2" WaterPEX x 1000' Coil, White	P022081-1000W	81004113	55
5/8" WaterPEX x 600' Coil, White	P022101-600W	81004125	48
5/8" WaterPEX x 1200' Coil, White	P022101-1200W	81004126	96
3/4" WaterPEX x 500' Coil, White	P022121-500W	81004119	45
3/4" WaterPEX x 1000' Coil, White	P022121-1000W	81004122	106
1" WaterPEX x 100' Coil, White	P022161-100W	81004123	18
1" WaterPEX x 500' Coil, White	P022161-500W	81004124	106
1-1/4" WaterPEX x 100' Coil, White	P022181-100W	81004139	25
1-1/4" WaterPEX x 300' Coil, White	P022181-300W	81004140	72

Note: If using non-barrier WaterPEX for heating or snowmelting systems, use a heat exchanger to isolate ferrous components or use a suitable water or glycol treatment.

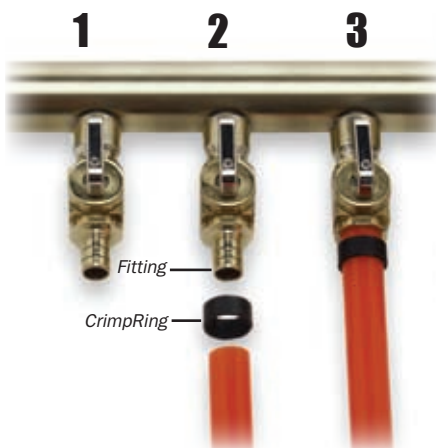
Note: Red and Blue WaterPEX also available.

Watts Radiant offers three fitting styles for our RadiantPEX applications:
CinchClamp™, CrimpRing™, and Compression.



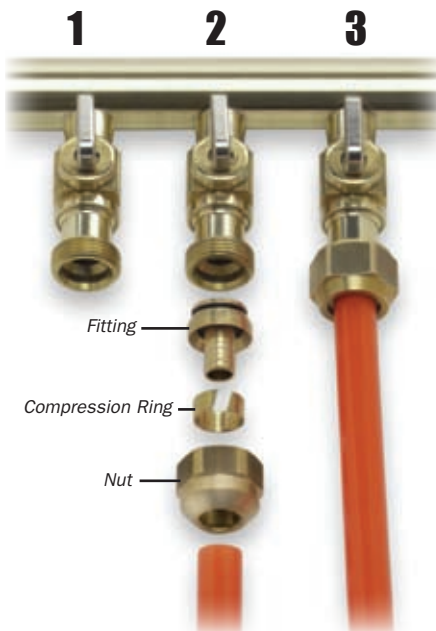
CinchClamp Fittings

Watts Radiant's CinchClamp is designed to go where other fittings can't — mainly into tight, hard-to-reach spaces. With a unique "tab" design, there is no need to get a tool around the entire fitting. Simply pinch, or "cinch", the tab closed with the CinchTool™ and the connection is complete. The ratcheting CinchTool only releases when a proper assembly is complete, eliminating guesswork and the need to gauge the connection. One CinchTool installs all sizes of CinchClamps (3/8", 1/2", 5/8", 3/4", and 1"). CinchClamps are made of corrosion-resistant stainless steel.



CrimpRing Fittings

Watts Radiant CrimpRings feature an all-brass ribbed insert with a precision-formed, ductile copper CrimpRing. When crimped, these connections form a fast and permanent seal between the PEX and the fitting. CrimpRing fittings come in 3/8", 1/2", 3/4", 5/8", 1", and 1-1/4". Watts Radiant offers three different types of CrimpRing tools: the RingMaster™, the CrimpAll™, and the CrimpMaster™. Each tool comes with a Go-No-Go gauge to ensure a permanent and professional crimp connection has been made. See "Fasteners & Tools" for a complete description of our line of CrimpRing tools.



Compression Fittings

Compression fittings are an advanced, brass fitting system that ensures a tight seal without the use of special connection tools. Place the compression nut over the PEX followed by the compression ring. Slide the fitting into the end of the PEX and then slide the compression nut up over the assembly. The compression nut is then tightened down over the threaded male fitting. Compression fittings are available for use with 3/8", 1/2", 5/8", and 3/4" PEX.

Watts Radiant now offers two styles of compression fittings — one for Stainless Steel and T20 manifolds, and one for CazzBrass manifolds.



SS-T20 Compression Fitting
Nickel-plated compression nut for
Stainless Steel and SS-T20 manifolds.



CazzBrass Compression Fitting
Brass finish compression nut
for CazzBrass manifolds.



The Watts Radiant CinchClamp™

These connections are a cinch to make.

Our CinchClamp boldly goes where those other fittings can't — mainly into tight, hard-to-reach spaces. With a unique "tab" design, there is no need to get a tool around the entire fitting. Simply pinch the tab closed with the CinchTool™ and the connection is complete. This design offers a positive mechanical connection, ensuring the PEX is uniformly compressed against the fitting.

Why it's a cinch:

- Ratcheting tool provides easy one-tool assembly.
- Connections can be dry-fit.
- Connections can be made with wet tubing.
- Final connections take only seconds.
- CinchTool only releases when connection is complete, ensuring a perfect connection.
- Can visually verify whether connection is completed – tab of clamp is "pinched".
- Connection rated to 160 psi @ 73°F; 100 psi @ 180°F.
- Clamp is an interlocking ring, forming a complete 360° uniform, watertight seal.
- Corrosion resistant, annealed stainless steel.
- Uses ASTM F1807 brass or ASTM F2159 plastic insert fittings (plastic for potable systems only).
- **Warning:** To ensure a perfect seal, the PEX pipe must be above 32°F when the CinchClamp is applied.

The CinchClamp connection system needs only one tool for all clamp sizes. See tools section for details.

Stainless Steel Cinch Clamps— for fast, easy, one-tool connections

DESCRIPTION	QTY.	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)
3/8" CinchClamps	10	PCCC2X-10	81004993	1
3/8" CinchClamps	100	PCCC2X-100	81004994	1
1/2" CinchClamps	10	PCCC3X-10	81004995	1
1/2" CinchClamps	100	PCCC3X-100	81004996	1
5/8" CinchClamps	10	PCCC6X-10	81005114	2
5/8" CinchClamps	100	PCCC6X-100	81005115	3
3/4" CinchClamps	10	PCCC4X-10	81004997	2
3/4" CinchClamps	100	PCCC4X-100	81004998	3
1" CinchClamps	10	PCCC5X-10	81005001	2
1" CinchClamps	100	PCCC5X-100	81005002	3

This stainless clamp is a "cinch". Simply pinch the tab closed with our CinchTool and the connection is complete. The ratcheting cinch tools provide easy, one-tool assembly. See our tools section for cinch tools – our new heavy-duty, one-handed tool is recommended for 3/4" and 1" cinch clamps.



PEX Crimp Fittings

Copper CrimpRings — for securing PEX to brass crimp fittings



DESCRIPTION	QTY.	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)
3/8" CrimpRing	100	PCCR2X-100	81001071	1
1/2" CrimpRing	100	PCCR3X-100	81001075	1
5/8" CrimpRing	100	PCCR6X-100	81004508	2
3/4" CrimpRing	100	PCCR4X-100	81001080	2
1" CrimpRing	100	PCCR5X-100	81001084	3
1-1/4" CrimpRing	100	PCCR7X-100	81005451	3

Copper CrimpRings are precision-formed, ductile copper connectors. When crimped, these connections form a simple, fast, and permanent seal between PEX and CrimpRing fittings.



PEX x PEX

Crimp x Crimp Brass Couplings — for making field repairs or extending PEX lines



1-1/4" PEX x 1-1/4" PEX

DESCRIPTION	QTY.	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)
3/8" Crimp Coupling	10	PCC22X-10	81005374	1
1/2" Crimp Coupling	10	PCC33X-10	81005375	1
5/8" Crimp Coupling	10	PCC66X-10	81005376	1
3/4" Crimp Coupling	10	PCC44X-10	81005377	2
1" Crimp Coupling	10	PCC55X-10	81005378	2
1-1/4" x 1-1/4" Crimp Coupling	10	PCC77X-10	81005380	3

Use **Crimp x Crimp Brass Couplings** to make field repairs and connections when necessary. Be sure to closely follow all guidelines when making field repairs or connections. Order CinchClamps or CrimpRings separately. All 1-1/4" crimp fittings are equipped with O-rings.

Crimp x Male Sweat (copper fitting) Adapters — for connecting PEX to sweat fittings or baseboard manifolds



Male Sweat

DESCRIPTION	QTY.	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)
3/8" Crimp x 1/2" Male Sweat Adapter	10	PC637X-10	81001027	1
1/2" Crimp x 1/2" Male Sweat Adapter	10	PC650X-10	81001030	1
1/2" Crimp x 5/8" Male Sweat Adapter	10	PC660X-10	81003685	1
3/4" Crimp x 5/8" Male Sweat Adapter	10	PC670X-10	81003427	1
3/4" Crimp x 3/4" Male Sweat Adapter	10	PC675X-10	81001034	2
1" Crimp x 1" Male Sweat Adapter	10	PC700X-10	81001037	2
1-1/4" Crimp x 1-1/4" Male Sweat Adapter	10	PC725X-10	81005381	3

Note: All 1-1/4" crimp fittings are equipped with O-rings.

Crimp x Female Sweat (copper) Adapters — for connecting PEX to sweat fittings or baseboard manifolds



Female Sweat

DESCRIPTION	QTY.	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)
1/2" Crimp x 1/2" Female Sweat Adapter	10	PC750X-10	81001040	1
3/4" Crimp x 3/4" Female Sweat Adapter	10	PC775X-10	81001043	1
1" Crimp x 1" Female Sweat Adapter	10	PC780X-10	81003031	2
1-1/4" Crimp x 1-1/4" Female Sweat Adapter	10	PC785X-10	81009387	2

Note: All 1-1/4" crimp fittings are equipped with O-rings.



PEX Crimp Fittings

Crimp x Male NPT Adapters — for connecting PEX to female fittings and valves.



DESCRIPTION	QTY.	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)
3/8" Crimp x 1/2" MPT	10	PCMC23X-10	81005382	2
1/2" Crimp x 1/2" MPT	10	PCMC33X-10	81005383	2
1/2" Crimp x 3/4" MPT	10	PCMC34X-10	81005384	2
5/8" Crimp x 3/4" MPT	10	PCMC64X-10	81005385	2
3/4" Crimp x 1/2" MPT	10	PCMC43X-10	81005386	2
3/4" Crimp x 3/4" MPT	10	PCMC44X-10	81005387	2
1" Crimp x 1" MPT	10	PCMC55X-10	81005388	3
1-1/4" Crimp x 1-1/4" MPT	10	PCMC78X-10	81005389	3

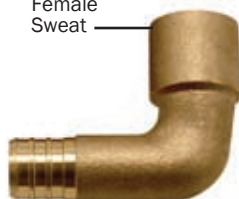
Note: All 1-1/4" crimp fittings are equipped with O-rings.



Crimp x Male NPT Elbows

DESCRIPTION	QTY.	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)
1/2" Crimp x 1/2" MPT	10	PCE33BTX-10	81005390	2
1/2" Crimp x 3/4" MPT	10	PCE34BTX-10	81005391	3
3/4" Crimp x 3/4" MPT	10	PCE44BTX-10	81005392	3

Female
Sweat



Crimp x Female Sweat (Copper Fitting) Elbow — for connecting PEX to baseboard and hydro-air units.

DESCRIPTION	QTY.	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)
1/2" Crimp x 3/4" Female Sweat Elbow	10	PCE34-10	81005393	3
5/8" Crimp x 3/4" Female Sweat Elbow	10	PCE64-10	81004786	3
3/4" Crimp x 3/4" Female Sweat Elbow	10	PCE44-10	81005394	3

Use these **Crimp x Sweat Elbow Fittings** to speed the connection of PEX supply lines to baseboard and hydro-air units.

Male
Sweat



Crimp x Male Sweat (Copper Adapter) Elbow

DESCRIPTION	QTY.	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)
1/2" Crimp x 3/4" Male Sweat Elbow	10	PCE34M-10	81009374	3
3/4" Crimp x 3/4" Male Sweat Elbow	10	PCE44M-10	81009378	3

Use these **Crimp x Sweat Elbow Fittings** to speed the connection of PEX supply lines to baseboard and hydro-air units.

Crimp



Crimp x Crimp Elbows (Equal Elbows)

DESCRIPTION	QTY.	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)
1/2" Crimp x 1/2" Crimp Elbow	10	PCE33X-10	81001104	1
3/4" Crimp x 3/4" Crimp Elbow	10	PCE44X-10	81001119	1
1" Crimp x 1" Crimp Elbow	10	PCE55X-10	81003049	2
1-1/4" Crimp x 1-1/4" Crimp Elbow	10	PCE77X-10	81007796	3

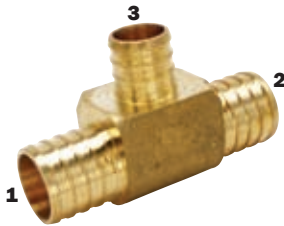
PEX Crimp Fittings

Crimp x Crimp Tees (Equal Tees)



DESCRIPTION	QTY.	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)
1/2" x 1/2" x 1/2" Crimp Tee	10	PCT333X-10	81001186	1
3/4" x 3/4" x 3/4" Crimp Tee	10	PCT444X-10	81001200	2
1" x 1" x 1" Crimp Tee	10	PCT555X-10	81003075	3
1-1/4" x 1-1/4" x 1-1/4" Crimp Tee	10	PCT777X-10	81007795	3

Crimp x Crimp Tees (Unequal Tees) — Run x Run x Branch (1x2x3)



DESCRIPTION	QTY.	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)
1/2" x 1/2" x 3/4" Crimp Tee	10	PCT334X-10	81003069	1
3/4" x 3/4" x 1/2" Crimp Tee	10	PCT443X-10	81001197	2
1" x 1" x 3/4" Crimp Tee	10	PCT554X-10	81001208	3
1-1/4" x 1-1/4" x 1" Crimp Tee	10	PCT775X-10	81007794	3

CinchClamp Repair Kits — for making PEX repairs in the field



DESCRIPTION	QTY.	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)
3/8" CinchClamp Repair Kit	1 Kit	PCCCA2K	81005022	1
1/2" CinchClamp Repair Kit	1 Kit	PCCCA3K	81005023	1
5/8" CinchClamp Repair Kit	1 Kit	PCCCA6K	81005326	1
3/4" CinchClamp Repair Kit	1 Kit	PCCCA4K	81005024	1
1" CinchClamp Repair Kit	1 Kit	PCCCA5K	81005025	1

Each **CinchClamp Repair Kit** contains two double-ended barbs and four CinchClamps, enough for two splices. Each kit includes instructions to help insure that the repair is done properly. Be sure to pressure test the repair after work is performed. Wrap all buried splices in electrician's tape to protect the brass against possible corrosion.

CrimpRing Repair Kits — for making PEX repairs in the field.



DESCRIPTION	QTY.	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)
3/8" CrimpRing Repair Kit	1 Kit	PCCA2K	81001063	1
1/2" CrimpRing Repair Kit	1 Kit	PCCA3K	81001064	1
5/8" CrimpRing Repair Kit	1 Kit	PCCA6K	81003429	1
3/4" CrimpRing Repair Kit	1 Kit	PCCA4K	81001065	1
1" CrimpRing Repair Kit	1 Kit	PCCA5K	81001066	1
1-1/4" CrimpRing Repair Kit	1 Kit	PCCA7K	81004450	1

Each **CrimpRing Repair Kit** contains two double-ended barbs and four CrimpRings, enough for two splices. Each kit includes instructions to help insure that the repair is done properly. Be sure to pressure test the repair after work is performed. Wrap all buried splices in electrician's tape to protect the brass against possible corrosion. All 1-1/4" crimp fittings are equipped with O-rings.



Mini Ball and Balancing Valves — for circuit isolation and balancing on field-built manifolds.



1/2" Crimp x 1/2" Ftg. MBV



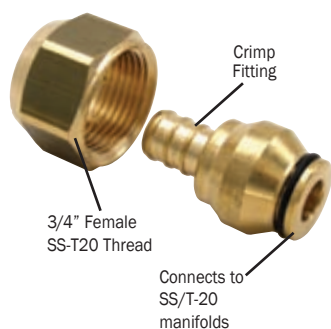
3/8" Crimp x 1/2" Ftg. MBV-BAL

DESCRIPTION	QTY.	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)
1/2" Crimp x 1/2" Ftg. Mini Ball Valve (0.44" bore)	1	P12123PX3	81000783	2
1/2" Crimp x 1/2" Ftg. Mini Balancing Valve (0.44" bore)	1	P12123PX3-BAL	81005416	4

Use **Mini Ball Valves** to isolate and/or regulate the flow of individual tubing circuits. For more exact flow balancing, use **Mini Balancing Valves**, where balancing is accomplished by rotating the threaded spindle below the brass safety cap. Each turn represents approximately 10% of full flow. Approximate Cv is 3.0 (These ball valves are not available in other sizes.)



PEX Swivel Crimp Fittings



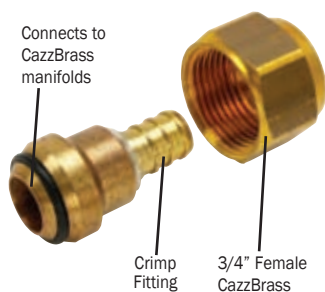
SS-T20 Crimp Swivel Fittings — for connecting PEX to Watts Radiant's *Stainless Steel* and *Custom Tubular Compression* manifolds.

DESCRIPTION	QTY.	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)
3/8" Crimp x 3/4" SS-T20 Swivel BSP Fitting	10	PC690001-10	81005160	1
1/2" Crimp x 3/4" SS-T20 Swivel BSP Fitting	10	PC690002-10	81005162	1
5/8" Crimp x 3/4" SS-T20 Swivel BSP Fitting	10	PC690003-10	81005164	2
3/4" Crimp x 3/4" SS-T20 Swivel BSP Fitting	10	PC690004-10	81005395	2

Use these **SS-T20 Crimp Fittings** to connect PEX to our Stainless Steel or T20 Custom Tubular Manifolds. Order CrimpRings or CinchClamps separately.

NOTE: SS-T20 compression fittings designated for T20 Custom Tubular Manifolds or Stainless Steel Manifolds are not compatible with CazzBrass manifolds and vice versa.

NOTE: BSP stands for British Standard Pipe (threads). These threads are not compatible with NPT (National Pipe Threads). Do not attempt to couple BSP threads with NPT threads; they will leak.



CazzBrass Crimp Swivel Fittings — for connecting PEX to Watts Radiant's *CazzBrass* manifolds.

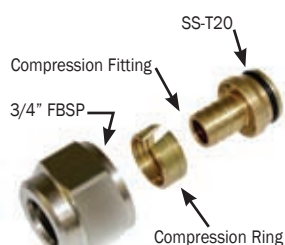
DESCRIPTION	QTY.	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)
3/8" Crimp x 3/4" CazzBrass Swivel BSP Fitting	10	P689001-10	81004787	1
1/2" Crimp x 3/4" CazzBrass Swivel BSP Fitting	10	P689002-10	81000841	1
5/8" Crimp x 3/4" CazzBrass Swivel BSP Fitting	10	P689003-10	81004791	2
3/4" Crimp x 3/4" CazzBrass Swivel BSP Fitting	10	P689004-10	81004794	2

Use these **CazzBrass Crimp PEX Fittings** to connect PEX to CazzBrass manifolds. Order CrimpRings or CinchClamps separately.

NOTE: CazzBrass Crimp Fittings designated for CazzBrass manifolds are not compatible with Stainless Steel or T20 Custom Tubular manifolds.

NOTE: BSP stands for British Standard Pipe (threads). These threads are not compatible with NPT (National Pipe Threads). Do not attempt to couple BSP threads with NPT threads; they will leak.

PEX Compression Fittings



New style for Stainless Steel and Custom Tubular manifolds.

SS-T20F PEX Compression Fittings — for connecting PEX to *Stainless Steel* manifolds, and *Custom Tubular T20* compression manifolds, or 3/4" male BSP x male sweat fittings.

DESCRIPTION	QTY.	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)
3/8" SS-T20F PEX Compression Fitting	10	PX690001-10	81005166	1
1/2" SS-T20F PEX Compression Fitting	10	PX690002-10	81005168	1
5/8" SS-T20F PEX Compression Fitting	10	PX690003-10	81005170	2
3/4" SS-T20F PEX Compression Fitting	10	PX690004-10	81005172	2

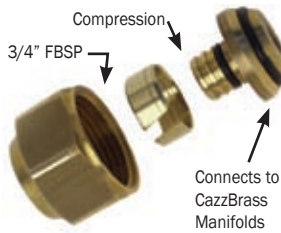
This **SS-T20F PEX Compression Fitting** is comprised of an insert fitting, a compression sleeve, and a BSP threaded nut. The brass insert is barbed, not ribbed. The compression sleeve is beveled and notched to tightly compress against the PEX. The "nose" of the fitting has an O-ring to make a tight seal against the inside wall of the male T20 fitting, T20 manifold, or Stainless Steel manifold. Carefully follow the instructions provided in order to make a tight connection. A box-end wrench is all that is needed to make these connections.

NOTE: These Female Compression Fittings are designed for Stainless Steel and Custom Tubular compression manifolds only, and are **not compatible with CazzBrass manifolds**.

NOTE: BSP stands for British Standard Pipe (threads). These threads are not compatible with NPT (National Pipe Threads). Do not attempt to couple BSP threads with NPT threads; they will leak.



PEX Compression Fittings



CazzBrass PEX Compression Fittings — for connecting PEX to *CazzBrass* manifolds, and male compression fittings.

DESCRIPTION	QTY.	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)
3/8" CazzBrass PEX Compression Fitting	10	PZ680375-10	81001545	1
1/2" CazzBrass PEX Compression Fitting	10	PZ680500-10	81001548	1
5/8" CazzBrass PEX Compression Fitting	10	PZ680625-10	81001551	2
3/4" CazzBrass PEX Compression Fitting	10	PZ680750-10	81003734	2

This **CazzBrass PEX Compression Fitting** is comprised of an insert fitting, a compression sleeve, and a BSP threaded nut. The brass insert is barbed, not ribbed. The compression sleeve is beveled and notched to tightly compress against the PEX. The "nose" of the fitting has O-ring to make a tight seal against the seat of the CazzBrass manifold. Carefully follow the instructions provided in order to make a tight connection. A box-end wrench is all that is needed to make these connections.

NOTE: BSP stands for British Standard Pipe (threads). These threads are not compatible with NPT (National Pipe Threads). Do not attempt to couple BSP threads with NPT threads; they will leak.



3/4" Male BSP x
1/2" Male Sweat

3/4" Male BSP x Male Sweat Fittings — for making connections to compression fittings.

DESCRIPTION	QTY.	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)
3/4" Male BSP x 1/2" Male Sweat Fitting	10	PX690500-10	81001507	1
3/4" Male BSP x 3/4" Male Sweat Fitting	10	PX690750-10	81001510	2

The **BSP x Male Sweat Fittings** (threaded male) are manufactured for use with female compression fittings (threaded female). They are sold loose for field-assembled manifolds. Male fittings are offered in two sizes to fit 1/2" or 3/4" copper fittings. Both male fittings will work with the four female fittings. Contractor discretion determines whether 1/2" or 3/4" sweat is more desirable. Male fittings are also available pre-installed on all styles of Watts Radiant manifolds.

NOTE: BSP stands for British Standard Pipe (threads). These threads are not compatible with NPT (National Pipe Threads). Do not attempt to couple BSP threads with NPT threads; they will leak.



SS-T20 Compression Coupling Kits — for joining lengths of PEX.

DESCRIPTION	QTY.	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)
SS-T20 Comp. Coupling Kit for 3/8" PEX	1 Kit	PXCASST2K	81005174	1
SS-T20 Comp. Coupling Kit for 1/2" PEX	1 Kit	PXCASST3K	81005175	1
SS-T20 Comp. Coupling Kit for 5/8" PEX	1 Kit	PXCASST4K	81005176	1
SS-T20 Comp. Coupling Kit for 3/4" PEX	1 Kit	PXCASST5K	81005177	2

Compression Coupling Kits consist of two Compression Couplings and four female Compression fittings. We've packaged these items to make a convenient repair kit for field use.

NOTE: BSP stands for British Standard Pipe (threads). These threads are not compatible with NPT (National Pipe Threads). Do not attempt to couple BSP threads with NPT threads; they will leak.

NOTE: It is against most building codes to use compression couplings in inaccessible locations. Do not bury compression fittings.



The word from the field about RadiantPEX . . .

Whether heating a house, or melting snow off a driveway or parking lot, RadiantPEX is the ideal radiant solution. This hospital wanted a snow-free helipad as part of a major addition to their health-care infrastructure. Forty-seven thousand feet of barrier RadiantPEX from Watts Radiant was the product of choice for this important application.

Large diameter, Custom Tubular Manifolds were also designed and manufactured by Watts Radiant.



This Watts Radiant HydroSkid™ is the mechanical brains and heart of this helipad snowmelt system. Redundant pumps and controls melt ice and snow from a one-acre helipad during the worst winter weather. For more on HydroSkids and other HydroControl® panels, see the entire section on HydroControls.