PEX Tubing CrimpRing Fittings CinchClamp Fittings Compression Fittings

* Watts Radiant Floor Heating & Snowmelting

A subsidiary of Watts Water Technologies, Inc.



RadiantPEX® and WaterPEX® Tubing



Barrier RadiantPEX and Non-barrier WaterPEX are durable and flexible cross-linked polyethylene tubings that have excellent flow characteristics. Both are manufactured to ASTM standards F-876 and F-877 and to SDR-9 dimensions; are tested and listed by the National Sanitation Foundation to Standards 14 and 61; carry both the UPC and UMC certification mark as approved by the International Association of Plumbing and Mechanical Officials; and are listed by the International Code Council Evaluation Service (ICC-ES). All RadiantPEX and WaterPEX labeled with "CAN/B137.5" is certified to CSA Standard B137.5 by NSF.











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

				EST. SHIP		
	DESCRIPTION	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)	PRICE/FT.	PRICE/COIL
	3/8" RadiantPEX x 600' Coil	PB032061-600	81000850	26	\$0.74	\$444.00
	1/2" RadiantPEX x 100' Coil	PB032081-100	81001680	6	\$0.90	\$90.00
N.	1/2" RadiantPEX x 300' Coil	PB032081-300	81003406	17	\$0.90	\$270.00
	1/2" RadiantPEX x 600' Coil	PB032081-600	81001682	27	\$0.90	\$540.00
	1/2" RadiantPEX x 1000' Coil	PB032081-1000	81001681	55	\$0.90	\$900.00
	5/8" RadiantPEX x 600' Coil	PB032101-600	81001684	51	\$1.13	\$678.00
	5/8" RadiantPEX x 1200' Coil	PB032101-1200	81001683	102	\$1.13	\$1,356.00
	3/4" RadiantPEX x 100' Coil	PB032121-100	81001685	11	\$1.31	\$131.00
	3/4" RadiantPEX x 300' Coil	PB032121-300	81005303	27	\$1.31	\$393.00
	3/4" RadiantPEX x 600' Coil	PB032121-600	81001688	53	\$1.31	\$786.00
	3/4" RadiantPEX x 1200' Coil	PB032121-1200	81001686	106	\$1.31	\$1,572.00
	1" RadiantPEX x 100' Coil	PB032161-100	81004923	18	\$2.19	\$219.00
	1" RadiantPEX x 600' Coil	PB032161-600	81002954	107	\$2.19	\$1,314.00



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

				ESI. SHIF		
	DESCRIPTION	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)	PRICE/FT.	PRICE/COIL
	3/8" WaterPEX x 500' Coil, White	P022061-500W	81004104	23	\$0.48	\$240.00
N. N.	1/2" WaterPEX x 300' Coil, White	P022081-300W	81005320	16	\$0.55	\$165.00
	1/2" WaterPEX x 500' Coil, White	P022081-500W	81004110	24	\$0.55	\$275.00
	1/2" WaterPEX x 1000' Coil, White	P022081-1000W	81004113	55	\$0.55	\$550.00
	5/8" WaterPEX x 600' Coil, White	P022101-600W	81004125	48	\$0.87	\$522.00
	5/8" WaterPEX x 1200' Coil, White	P022101-1200W	81004126	96	\$0.87	\$1,044.00
	3/4" WaterPEX x 500' Coil, White	P022121-500W	81004119	45	\$0.96	\$480.00
	3/4" WaterPEX x 1000' Coil, White	P022121-1000W	81004122	106	\$0.96	\$960.00
	1" WaterPEX x 100' Coil, White	P022161-100W	81004123	18	\$1.69	\$169.00
_	1" WaterPEX x 500' Coil, White	P022161-500W	81004124	106	\$1.69	\$845.00
N. N.	1-1/4" WaterPEX x 100' Coil, White	P022181-100W	81004139	25	\$2.79	\$279.00
Mark	1-1/4" WaterPEX x 300' Coil, White	P022181-300W	81004140	72	\$2.79	\$837.00

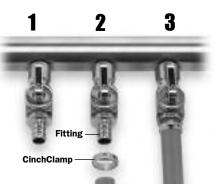
Note: If using non-barrier WaterPEX for heating or snowmelting systems, use a heat exchanger to isolate ferrous components or use a suitable water or glycol treatment.

Note: Red and blue WaterPEX also available.





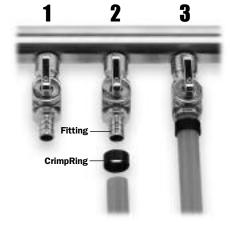
Watts Radiant offers three fitting styles for our PEX radiant applications: CinchClamp $^{\text{\tiny TM}}$, CrimpRing $^{\text{\tiny TM}}$, and Compression. Simple three-step installations shown at left.



CinchClamp Fittings

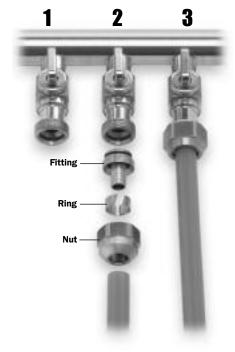


Watts Radiant's new CinchClamp is designed to go where other fittings can't — mainly into tight, hard-to-reach spaces. With a unique "tab" design, there is no need to get a tool around the entire fitting. Simply press, or "pinch", the tab closed with the CinchTool[™] and the connection is complete. The 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. CinchClamps must be installed only when the PEX is above 32°F.



CrimpRing Fittings

Watts Radiant CrimpRing fittings are recommended for all heating and potable water projects. They 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. Each compression fitting comes with two separate O-rings, each creating a tight seal between the PEX and the brass fitting. 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 SS-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.

www.wattsradiant.com

Introducing the New CinchClamp™



These connections are a cinch to make.

Our new 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 press 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. The ratcheting CinchTool only releases when proper assembly is complete. No guess work is needed to determine if the connection has been properly made.

The unique CinchClamp design makes the new CinchTool dramatically simpler and easier to use. One tool installs all sizes from 3/8" to 1".



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.

No calibration required on the CinchTool.

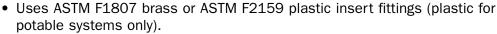
 Can visually verify whether connection is completed – tab of clamp is "pinched".

Connection rated to 160 psi
 @ 73°F; 100 psi @ 180°F.

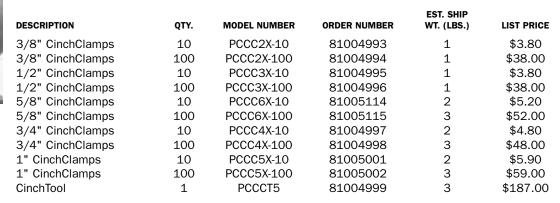
 Clamp is an interlocking ring, forming a complete 360° uniform, watertight seal.

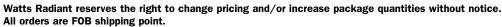
 Corrosion resistant, annealed stainless steel. The CinchClamp connection system needs only one tool for all clamp sizes.

CinchTool measures 11"L x 3"W x 3/4"H



• **Warning:** To ensure a perfect seal, the PEX pipe must be 32°F or warmer when the CinchClamp is applied.









Crimp Fittings

*** New 5/8" Sizes! ***



Copper CrimpRings — for securing PEX to brass fittings.

0					ES I. SHIP	
	DESCRIPTION	QTY.	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)	LIST PRICE
ŀ	3/8" CrimpRing	100	PCCR2X-100	81001071	1	\$23.00
	1/2" CrimpRing	100	PCCR3X-100	81001075	1	\$20.10
	5/8" CrimpRing NEW!	100	PCCR6X-100	81004508	2	\$36.60
	3/4" CrimpRing	100	PCCR4X-100	81001080	2	\$23.90
	1" CrimpRing	100	PCCR5X-100	81001084	3	\$43.20
	1-1/4" CrimpRing NEW!	100	PCCR7X-100	81005451	3	\$129.00

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



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

DESCRIPTION	QTY.	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)	LIST PRICE
3/8" Crimp Coupling	10	PCC22X-10	81005374	1	\$7.05
1/2" Crimp Coupling	10	PCC33X-10	81005375	1	\$7.15
5/8" Crimp Coupling NEW!	10	PCC66X-10	81005376	1	\$11.00
3/4" Crimp Coupling	10	PCC44X-10	81005377	1	\$8.20
1" Crimp Coupling	10	PCC55X-10	81005378	1	\$16.40
1-1/4" x 1-1/4" Crimp Coupling	ewi ₹10	PCC77X-10	81005380	1	\$138.60

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 0-rings.



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

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



DESCRIPTION	OTY.	MODEL NUMBER	ORDER NUMBER	EST. SHIP WT. (LBS.)	LIST PRICE
3/8" CinchClamp Repair Kit	1 Kit	PCCCA2K	81005022	1	\$3.70
1/2" CinchClamp Repair Kit	1 Kit	PCCCA3K	81005023	1	\$3.60
5/8" CinchClamp Repair Kit	1 Kit	PCCCA6K	81005326	1	\$8.55
3/4" CinchClamp Repair Kit	1 Kit	PCCCA4K	81005024	1	\$4.85
1" CinchClamp Repair Kit	1 Kit	PCCCA5K	81005025	1	\$7.60

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



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

DESCRIPTION	QTY.	MODEL NUMBER	ORDER NUMBER	EST. SHIP WT. (LBS.)	LIST PRICE
3/8" CrimpRing Repair Kit	1 Kit	PCCA2K	81001063	1	\$3.20
1/2" CrimpRing Repair Kit	1 Kit	PCCA3K	81001064	1	\$3.15
5/8" CrimpRing Repair Kit	1 Kit	PCCA6K	81003429	1	\$4.50
3/4" CrimpRing Repair Kit NEW	1 Kit	PCCA4K	81001065	1	\$4.00
1" CrimpRing Repair Kit	1 Kit	PCCA5K	81001066	1	\$8.00
1-1/4" CrimpRing Repair Kit NEW!	1 Kit	PCCA7K	81004450	1	\$36.00

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.



Crimp Fittings



Brass Crimp Sweat Adapters — for connecting PEX to sweat fittings or Base Branch

manifolds.

mannolas.				EST. SHIP	
DESCRIPTION	QTY.	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)	LIST PRICE
1/2" Fitting x 3/8" Crimp	10	PC637X-10	81001027	1	\$11.40
1/2" Fitting x 1/2" Crimp	10	PC650X-10	81001030	1	\$9.00
1/2" Fitting x 5/8" Crimp	10	PC660X-10	81003685	1	\$14.75
1/2" Copper x 1/2" Crimp	10	PC750X-10	81001040	1	\$9.25
3/4" Copper x 3/4" Crimp	10	PC775X-10	81001043	1	\$14.50
3/4" Fitting x 5/8" Crimp	10	PC670X-10	81003427	1	\$19.60
3/4" Fitting x 3/4" Crimp	10	PC675X-10	81001034	1	\$16.50
1" Fitting x 1" Crimp	10	PC700X-10	81001037	2	\$45.00
1-1/4" Fitting x 1-1/4" Crimp NEW!	10	PC725X-10	81005381	3	\$147.10

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



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

QTY.	MODEL NUMBER	ORDER NUMBER	EST. SHIP WT. (LBS.)	LIST PRICE
10	PCMC23X-10	81005382	2	\$17.50
10	PCMC33X-10	81005383	2	\$17.50
10	PCMC34X-10	81005384	2	\$21.10
10	PCMC64X-10	81005385	2	\$29.40
10	PCMC43X-10	81005386	2	\$21.90
10	PCMC44X-10	81005387	2	\$21.90
10	PCMC55X-10	81005388	3	\$32.90
10	PCMC78X-10	81005389	3	\$154.40
	10 10 10 10 10 10	10 PCMC23X-10 10 PCMC33X-10 10 PCMC34X-10 10 PCMC64X-10 10 PCMC43X-10 10 PCMC44X-10 10 PCMC55X-10	10 PCMC23X-10 81005382 10 PCMC33X-10 81005383 10 PCMC34X-10 81005384 10 PCMC64X-10 81005385 10 PCMC43X-10 81005386 10 PCMC44X-10 81005387 10 PCMC55X-10 81005388	QTY. MODEL NUMBER ORDER NUMBER WT. (LBS.) 10 PCMC23X-10 81005382 2 10 PCMC33X-10 81005383 2 10 PCMC34X-10 81005384 2 10 PCMC64X-10 81005385 2 10 PCMC43X-10 81005386 2 10 PCMC44X-10 81005387 2 10 PCMC55X-10 81005388 3

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



Crimp x Male NPT Elbows

DESCRIPTION	OTY.	MODEL NUMBER	ORDER NUMBER	EST. SHIP WT. (LBS.)	LIST PRICE
1/2" Crimp x 1/2" MNPT	10	PCF33BTX-10	81005390	2	\$44.00
1/2" Crimp x 3/4" MNPT	10	PCF34BTX-10	0100000	2	
		. 020 .2./(20	81005391	3	\$68.25
3/4" Crimp x 3/4" MNPT	10	PCE44BTX-10	81005392	3	\$68.25



Crimp x Sweat Elbows — for connecting PEX to baseboard and hydro-air units.

				EST. SHIP	
DESCRIPTION	QTY.	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)	LIST PRICE
1/2" Crimp x 3/4" Fitting Elbow	10	PCE34-10	81005393	3	\$58.40
5/8" Crimp x 3/4" Fitting Elbow	w. ≥ 10	PCE64-10	81004786	3	\$74.95
3/4" Crimp x 3/4" Fitting Elbow	10	PCE44-10	81005394	3	\$61.25

Use these new **Crimp x Sweat Elbow Fittings** to speed the connection of PEX supply lines to baseboard and hydro-air units. The 1/2" x 3/4" and 3/4" x 3/4" fittings are all brass. The 5/8" x 3/4" fitting is a combination of brass crimp barb and copper elbow.

Swivel Crimp Fittings



Crimp Female BSP Swivel Fittings — for connecting PEX to Watts Radiant's Stainless Steel and Custom Tubular Compression manifolds.

DESCRIPTION	OTY.	MODEL NUMBER	ORDER NUMBER	EST. SHIP WT. (LBS.)	LIST PRICE
3/8" Crimp x 3/4" SS-T20 Swivel Fitting	10	PC690001-10	81005160	1	\$67.00
1/2" Crimp x 3/4" SS-T20 Swivel Fitting	10	PC690002-10	81005162	1	\$63.00
5/8" Crimp x 3/4" SS-T20 Swivel Fitting	10	PC690003-10	81005164	1	\$71.00
3/4" Crimp x 3/4" SS-T20 Swivel Fitting	10	PC690004-10	81005395	1	\$74.00

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

ST. SHIP	TRICIT
T. (LBS.)	LIST PRICE
1	\$121.00
1	\$116.80

DESCRIPTION	QTY.	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)	LIST PRICE
3/8" Crimp x 3/4" CazzBrass Swivel Fitting	10	P689001-10	81004787	1	\$121.00
1/2" Crimp x 3/4" CazzBrass Swivel Fitting	10	P689002-10	81000841	1	\$116.80
5/8" Crimp x 3/4" CazzBrass Swivel Fitting	10	P689003-10	81004791	1	\$134.00
3/4" Crimp x 3/4" CazzBrass Swivel Fitting	10	P689004-10	81004794	1	\$154.26

Use these Crimp x Female BSP PEX Fittings to connect PEX to our Stainless Steel, T20 Custom Tubular, or CazzBrass manifolds. Order CrimpRings or CinchClamps separately.

NOTE: Crimp x BSP 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.

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.

				EST. SHIP	
DESCRIPTION	QTY.	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)	LIST PRICE
3/8" SS-T20F PEX Compression Fitting	10	PX690001-10	81005166	1	\$57.20
1/2" SS-T20F PEX Compression Fitting	10	PX690002-10	81005168	1	\$49.60
5/8" SS-T20F PEX Compression Fitting	10	PX690003-10	81005170	1	\$61.20
3/4" SS-T20F PEX Compression Fitting	10	PX690004-10	81005172	1	\$76.50

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 wrench or crescent 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.



Compression Fittings



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

				ESI. SHIP	
DESCRIPTION	QTY.	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)	LIST PRICE
3/8" CazzBrass PEX Compression Fitting	10	PZ680375-10	81001545	1	\$57.20
1/2" CazzBrass PEX Compression Fitting	10	PZ680500-10	81001548	1	\$49.60
5/8" CazzBrass PEX Compression Fitting	10	PZ680625-10	81001551	1	\$61.20
3/4" CazzBrass PEX Compression Fitting	10	PZ680750-10	81003734	1	\$76.50

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 0-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 crescent 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 3/4" Male BSP x 1/2" Male Sweat 3/4" Male Sweat

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

DESCRIPTION	QTY.	MODEL NUMBER	ORDER NUMBER	WT. (LBS.)	LIST PRICE
3/4" Male BSP x 1/2" Male Sweat Fitting	10	PX690500-10	81001507	1	\$63.70
3/4" Male BSP x 3/4" Male Sweat Fitting	10	PX690750-10	81001510	1	\$65.20

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. Employs BSP threads for connection.

DESCRIPTION	QTY.	MODEL NUMBER	ORDER NUMBER	EST. SHIP WT. (LBS.)	LIST PRICE
SS-T20 Comp. Coupling Kit for 3/8" PEX	1 Kit	PXCASST2K	81005174	1	\$97.20
SS-T20 Comp. Coupling Kit for 1/2" PEX	1 Kit	PXCASST3K	81005175	1	\$96.20
SS-T20 Comp. Coupling Kit for 5/8" PEX	1 Kit	PXCASST4K	81005176	1	\$98.30
SS-T20 Comp. Coupling Kit for 3/4" PEX	1 Kit	PXCASST5K	81005177	2	\$101.20

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.





The Word from the Field about PEX . . .

Whether heating a house, or melting snow off a driveway or parking lot, PEX 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.



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®

HydroSkids and other HydroControl® panels, see the entire section on HydroControls.

Watts Radiant reserves the right to change pricing and/or increase package quantities without notice. All orders are FOB shipping point.

Watts Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** R Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radi **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Wa** Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radi **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Wa** Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Wa**tts Radiant **Wa** Radiant WattsRadiant WattsRadiant WattsRadiant WattsRadiant WattsRadiant **s** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Wa** Radiant PEX nt **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **W** s Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** nt **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **W** s Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Wa** WattsRadiant WattsRadiant WattsRadiant WattsRadiant W **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **W Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **W Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **W Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **W Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **W Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **W Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** R Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **W Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **W Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Ra Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **W Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Ra Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **W Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Ra Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **W Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Ra Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **W Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Ra Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **W Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Ra Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **W Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Ra Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **W Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Ra Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **W Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Ra Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **W Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts** Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **Watts**Radiant **W**