

**For Residential or Commercial Radiant Heating and Snow Melt Applications**

Job Name \_\_\_\_\_  
 Job Location \_\_\_\_\_  
 Engineer \_\_\_\_\_  
 Approval \_\_\_\_\_

Contractor \_\_\_\_\_  
 Approval \_\_\_\_\_  
 Contractor's P.O. No. \_\_\_\_\_  
 Representative \_\_\_\_\_

# Compression Fitting

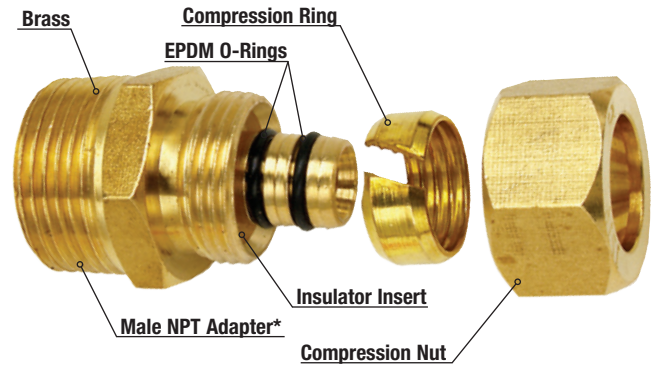
## RadiantPEX-AL™ Connection

- Sizes:** 3/8" (9.5 mm)  
 1/2" (12.7 mm)  
 5/8" (15.9 mm)  
 3/4" (19.1 mm)  
 1" (25.4 mm)

Compression fittings are designed to be used in radiant heating and snow melting applications, with water or water/glycol solutions. Compression fittings are designed to be used solely with RadiantPEX-AL tubing. No other tubing type may be used.

### Specifications

Compression fittings are designed to be used in radiant heating and snow melting applications, with water or water/glycol solutions. Compression fittings are designed to be used solely with RadiantPEX-AL tubing. No other tubing type may be used.



**Compression Fitting**  
 \*1/2" (12.7 mm) fittings will be indicated by a blue mark

Material	Properties
Insert Barb/Compression Nut	37700 Brass
Compression Ring	37700 Brass
O-Rings	EPDM
Insulator	Polyethylene
Nominal Barb Size (o.d.)	3/8" (9.5 mm), 1/2" (12.7 mm), 5/8" (15.9 mm), 3/4" (19.1 mm), 1" (25.4 mm)
Connection Type	Sweat or NPT
Max. Operating Temperature	180°F (94°C)
Max. Operating Pressure	100 psi (6.9 bar)

### Standards and Listings



Manufactured in accordance with American society for Testing and Materials (ASTM) F-1281-05.



Carries the UPC certification mark, as approved by the International Association of Plumbing and Mechanical Officials (IAPMO).

**CAUTION**  
 This Engineering Sheet is not intended to provide full installation instructions and safety information. In order to avoid property damage or injury, please refer to the complete installation manual and product safety information provided with the product.



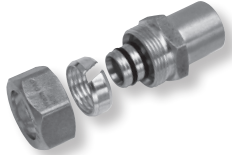
Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.





#### RadiantPEX-AL SST20 Compression Fitting

✓	Description	Qty	Model #	Order #
	3/8" (9.5 mm) Comp. x Adap. 3/4" (19.1 mm) BSP	10	RLC01B06T20-10	81011138
	1/2" (12.7 mm) Comp. x Adap. 3/4" (19.1 mm) BSP	10	RLC0501B08T20-10	81010735
	5/8" (15.9 mm) Comp. x Adap. 3/4" (19.1 mm) BSP	10	RLC01B10T20-10	81008088
	3/4" (19.1 mm) Comp. x Adap. 3/4" (19.1 mm) BSP	10	RLC01B12T20-10	81007735



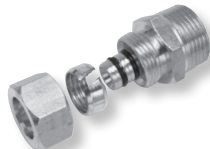
#### RadiantPEX-AL Compression x Male Sweat Adapter

✓	Description	Qty	Model #	Order #
	3/8" (9.5 mm) Comp. x 1/2" (12.7 mm) Male Sweat Adap.	10	RLC110B0608-10	81011139
	1/2" (12.7 mm) Comp. x 1/2" (12.7 mm) Male Sweat Adap.	10	RLC0510B0808-10	81010731
	5/8" (15.9 mm) Comp. x 1/2" (12.7 mm) Male Sweat Adap.	10	RLC10B1008-10	81008092
	5/8" (15.9 mm) Comp. x 3/4" (19.1 mm) Male Sweat Adap.	10	RLC10B1012-10	81008094
	3/4" (19.1 mm) Comp. x 3/4" (19.1 mm) Male Sweat Adap.	10	RLC10B1212-10	81008096
	1" (25.4 mm) Comp. x 1" (25.4 mm) Male Sweat Adap.	5	RLC10B1616-5	81008098



#### RadiantPEX-AL Compression x Female Sweat Adapter

✓	Description	Qty	Model #	Order #
	3/8" (9.5 mm) Comp. x 1/2" (12.7 mm) Female Sweat Adap.	10	RLC11B0608-10	81011140
	1/2" (12.7 mm) Comp. x 1/2" (12.7 mm) Female Sweat Adap.	10	RLC0511B0808-10	81010732
	5/8" (15.9 mm) Comp. x 3/4" (19.1 mm) Female Sweat Adap.	10	RLC11B1012-10	81008102
	3/4" (19.1 mm) Comp. x 3/4" (19.1 mm) Female Sweat Adap.	10	RLC11B1212-10	81008104
	1" (25.4 mm) Comp. x 3/4" (19.1 mm) Female Sweat Adap.	5	RLC11B1616-10	81013675



#### RadiantPEX-AL Compression x Male NPT Adapter

✓	Description	Qty	Model #	Order #
	1/2" (12.7 mm) Comp. x 3/4" (19.1 mm) MPT Adap.	10	RLC0512B0812-10	81010729
	5/8" (15.9 mm) Comp. x 3/4" (19.1 mm) MPT Adap.	10	RLC12B1012-10	81008108
	3/4" (19.1 mm) Comp. x 3/4" (19.1 mm) MPT Adap.	10	RLC12B121210	81008110
	1" (25.4 mm) Comp. x 1" (25.4 mm) MPT Adap.	5	RLC12B1616-5	81008112



#### RadiantPEX-AL Compression x Female NPT Adapter

✓	Description	Qty	Model #	Order #
	1" (25.4 mm) Comp. x 1" (25.4 mm) FPT Adap.	5	RLC13B1616-5	81013676



#### RadiantPEX-AL Compression Coupling (Equal)

✓	Description	Qty	Model #	Order #
	3/8" (9.5 mm) Compression Coupling	10	RLC15B0606-10	81011141
	1/2" (12.7 mm) Compression Coupling	10	RLC0515B0808-10	81010716
	5/8" (15.9 mm) Compression Coupling	10	RLC15B1010-10	81008116
	3/4" (19.1 mm) Compression Coupling	10	RLC15B1212-10	81008118
	1" (25.4 mm) Compression Coupling	5	RLC15B1616-10	81008120



#### RadiantPEX-AL Compression x Press Elbow

✓	Description	Qty	Model #	Order #
	5/8" (15.9 mm) Compression Elbow	10	RLC19B1010-10	81008122
	3/4" (19.1 mm) Compression Elbow	10	RLC19B1212-10	81008124
	1" (25.4 mm) Compression Elbow	5	RLC19B1616-5	81008127



#### RadiantPEX-AL Compression Tees (Equal Tees)

✓	Description	Qty	Model #	Order #
	3/4" (19.1 mm) Compression Tee	10	RLC18B121212-10	81008129
	1" (25.4 mm) Compression Tee	5	RLC18B161616-5	81008131



#### RadiantPEX-AL Compression Tees (Unequal Tees)

✓	Description	Qty	Model #	Order #
	3/4" (19.1 mm) x 3/4" (19.1 mm) x 1/2" (12.7 mm) Comp. Tee	10	RLC0518B121208-10	81010646
	1" (25.4 mm) x 1" (25.4 mm) x 5/8" (15.9 mm) Comp. Tee	10	RLC18B161610-10	81008135
	1" (25.4 mm) x 1" (25.4 mm) x 3/4" (19.1 mm) Comp. Tee	5	RLC18B161612-5	81008137

