

For Residential or Commercial Radiant Heating and Snow Melt Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

R-flex™ Compression Fittings

Sizes: 1" (25.4 mm)
 32 mm (1.3")
 40 mm (1.6")
 50 mm (2.0")
 63 mm (2.5")
 75mm (3.0")
 90mm (3.5")
 110mm (4.3")

R-flex fittings are specifically engineered for exterior hydronic heating and cooling applications. They are available in PEX x NPT adapters. Couplings, tees and elbows can be assembled in the field using brass NPT fittings, coupled with R-flex compression fittings. R-flex compression fittings are specifically designed to be used with Watts Radiant R-flex insulated piping system. Do not use R-flex fittings with other Watts Radiant PEX products.

Specifications

System shall be installed using Watts Radiant Single or Dual R-flex.

Installation Parameters

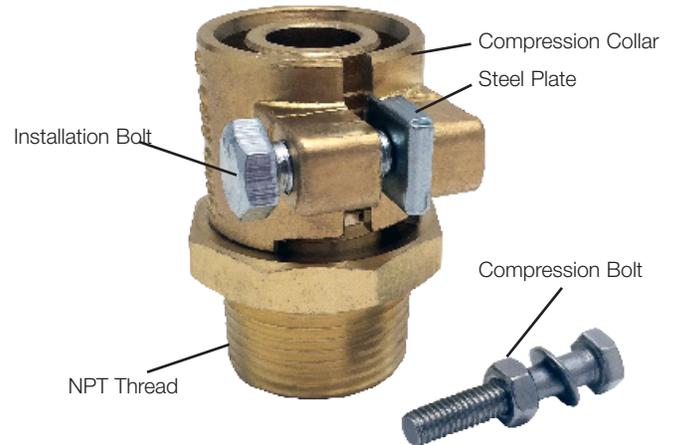
R-flex and R-flex fittings must be installed in accordance with all Watts Radiant installation procedures, including information provided in the R-flex installation manual and guidelines.

Material	Properties
Insert Barb/Compression Nut	Brass
Compression Collar	Brass
Bolt	Stainless Steel
Nominal Barb Size	1" (25.4 mm), 30mm (1.25"), 40mm (1.57"), 50mm (1.97"), 63mm (2.48"), 75mm (2.95"), 90mm (3.54"), 110mm (4.33")
Connection type	NPT
Max Operating Temperature	200°F (93.3°C) at 80 psi (5.5 bar)
Max Operating Pressure	100 psi (6.9 bar) at 180°F (82.2°C)

Features

R-flex adapters are designed to be used solely with R-flex. The unique bolt-driven compression collar allows for large sizes of R-flex to easily be installed without the need for special tools. The installation bolt pre-stresses the compression collar to ensure that the fitting slips easily onto the PEX.

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.



R-flex adapters are specifically designed and engineered for hydronic heating and cooling applications. Adapters are available in PEX x NPT.

✓ Description	Qty	Order #
1" (25.4 mm) R-flex x 1" (25.4 mm) NPT Adapter	1	81012552
32 mm (1.3") R-flex x 1" (25.4 mm) NPT Adapter	1	81012553
40 mm (1.6 ") R-flex x 1-1/4" (31.6 mm) NPT Adapter	1	81012554
50 mm (2.0") R-flex x 1-1/4" (31.6 mm) NPT Adapter	1	81012555
50 mm (2.5") R-flex x 1-1/2" (38.1 mm) NPT Adapter	1	81012665
63 mm (3.0") R-flex x 2" (50.8 mm) NPT Adapter	1	81012556
75 mm (3.0") R-flex x 2-1/2" (63.5 mm) NPT Adapter	1	81012589
90 mm (3.5") R-flex x 3" (76.2 mm) NPT Adapter	1	81012558
110 mm (4.3") R-flex x 4" (101.6 mm) NPT Adapter	1	81012590



UL Listed for U.S. under UL Standard 1673 and Canada under CAN/CSA C22.2 No. 130.2-93. Listing file number E185866.

⚠ WARNING

Never cut the heating cable or damage it in any way. Use only the attachment methods as described in the Installation Manuals for Watts Radiant WarmWire as other methods may damage the heating element.

⚠ 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.



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Latin America: T: (52) 81-1001-8600 • Watts.com

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