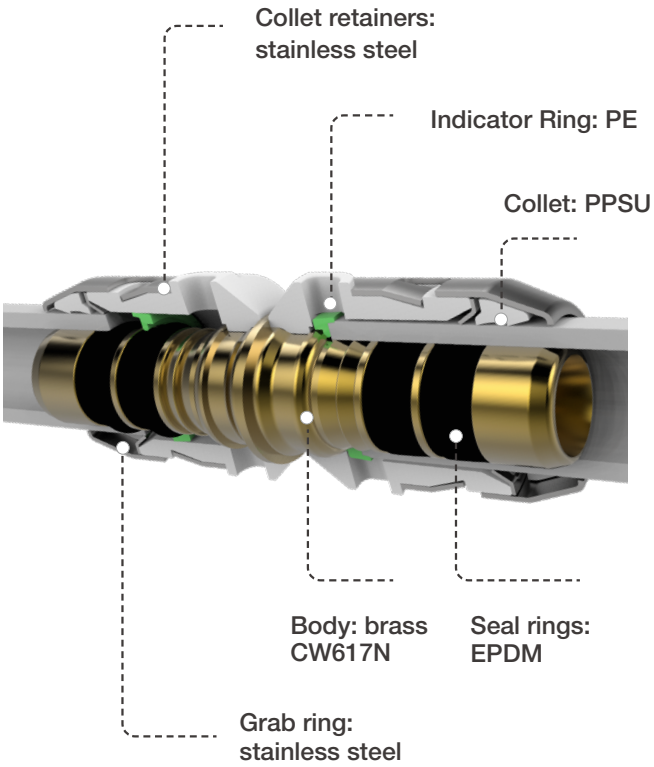




F6 PUSH-FIT



For multilayer and PE-X diameters 16 to 32 mm

RIIFO F6 PUSH-FIT is available for potable water systems and hydronic heating systems. It is used for making connections to Multilayer pipes and PE-X pipes.

RIIFO F6 PUSH-FIT helps plumbers to optimize installation time and guarantee a clean and leak-free installation environment. No soldering, melting, clamps or glue is required, which means cleaner installations, less potential leak points and less time cost on the job. Plumb an entire home without using special tools.

RIIFO F6 PUSH-FIT is designed as an innovative fitting with both appearance and functional advantages. In March 2020, RIIFO F6 PUSH-FIT won the German IF Award and the highest Reddot Award for its unique design and exquisite appearance.



Visual confirmation via green indicator



Fast and easy, no tool needed



2 seal rings, stainless grab-rings and sleeves

CERTIFICATES



GERMANY



NETHERLANDS



FRANCE



FRANCE



UK



SPAIN



AUSTRALIA



FINLAND



USA



ABOUT RIIFO



RIIFO is a leading multinational corporation, providing one-stop piping solutions applied in residential, commercial, agricultural, industrial, and infrastructural sectors. Persistently reinventing since 1996, with over 8,000 employees, 70 branches & subsidiaries, and 300,000 distributors, we are serving customers in more than 100 countries and regions.

With an integrated value chain, from R&D to manufacturing and retail distribution, we strive to fulfill our mission of offering integrated piping solutions and services to everyone around the world.

RIIFO

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MULTILAYER PLUMBING SYSTEM



RIIFO

RIIFO MULTILAYER PIPES

1 External and internal layers

Made of cross-linked polyethylene (PE-X). The silane cross-linking provides superior chemical and mechanical properties.

2 Intermediate layer

The aluminium layer provides strength and stability and acts as an oxygen barrier.

3 Bonding layers

The high quality adhesive layers bond the inner aluminium layer with the inner and outer PE-X layers.

Advantages

High pressure and temperature resistant. 10 bar / 95°C.

Lightweight and easy to install

Impermeable to oxygen and light

Low pressure loss due to smooth inner layer

Very flexible, yet dimensionally stable

Low thermal linear expansion

Corrosion resistant

Hygienic

Nominal size(D x e)													
		12x1.5	14x2.0	16x2.0	18x2.0	20x2.0	25x2.5	26*3.0	32x3.0	40x4.0	50x4.5	63x6.0	75x7.5
Outside diameter (mm)	Min	12	14	16	18	20	25.2	26	32	40	50	60.6	70.7
	Max	12.25	14.2	16.2	18.2	20.2	25.2	26.2	32.2	40.4	50.5	63	75
Inside diameter(mm)		9	10	12	14	16	20	20	26	32	41	51	60
Tolerance of Inner diameter (mm)	Min	8.6	9.9	11.9	13.9	15.9	19.9		25.9	30.9	39.4	49.3	57.7
	Max	8.85	10.2	12.2	14.2	16.2	20.2		26.2	31.9	40.8	50.8	59.7
Pipe thickness (mm)		1.7	2	2	2	2	2.5	3	3	4	4.5	6	7.5
Tolerance of pipe thickness (mm)	Min	1.7	2	2	2	2	2.4	2.9	2.9	4	4.5	6	7.5
	Max	2	2.25	2.25	2.25	2.25	2.7	3.2	3.2	4.6	5.2	6.8	8.5
Roughness(mm)		0.0007											
Density(g/cm3)		0.926~0.959											
Modulus of elasticity(MPa)		7200											
Thermal conductivity(w/mK)		0.45											
Coefficient of thermal expansion (mm/mK)		0.025											

RANGE OF MULTILAYER PIPES

Application

Supply of cold and hot water, Underfloor heating

Straight lengths
Diameters: 12 -75 mm
Lengths: 5 m

Naked coils
Diameters: 12 -32 mm
Lengths : 25 - 600 m

Pre-Insulated coils
Diameters: 16 -32 mm
Lengths : 25 - 100 m

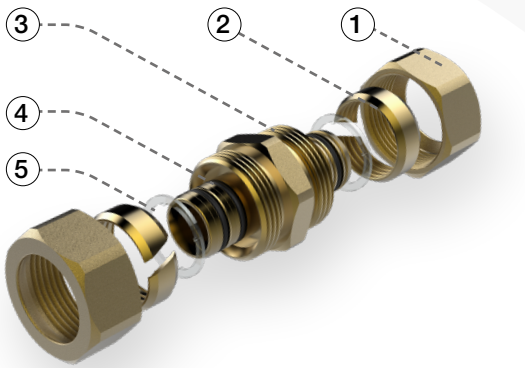
Corrugated coils
Diameters: 16 -32 mm
Lengths : 25 - 100 m

ADVANTAGES

COMPRESSION FITTINGS

- Reusable
- Ease and security of installation
- Excellent sealing performance with two O-rings
- The stress and risk of cracking is eliminated by the annealing process

For multilayer and PE-X pipes: diameter 12 to 32 mm.

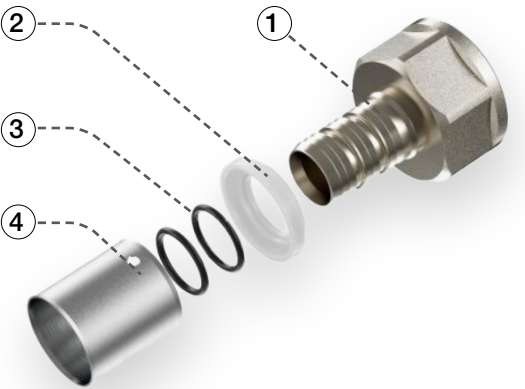


- 1 Nut**
Material:Brass
- 2 Compression ring**
Material:Brass
- 3 Body**
Material:Brass CW617N
- 4 O-rings**
Material: EPDM
- 5 Spacer ring**
Material: PE

PRESS FITTINGS

- U pressing profile
- Excellent sealing performance with two O-rings
- The stress and risk of cracking is eliminated by the annealing process
- Ease and security of installation
- Nickel plating contributes to good corrosion resistance

For multilayer and PE-X pipes: diameter 12 to 75 mm

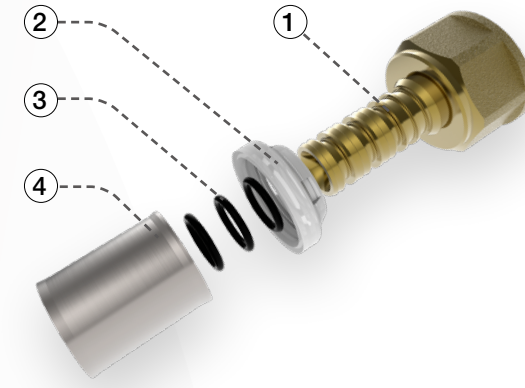


- 1 Fitting main body**
Material: Brass CW617N
- 2 Plastic spacer**
Material: PE
- 3 O-rings**
Material: EPDM
- 4 Sleeve**
Material: Stainless steel 304

MULTIPROFILE PRESS FITTINGS

- U - TH - H - RFz pressing profiles
- Leak Before Press (LBP)
- Reliable and easy to install
- Three O-rings for excellent sealing performance

For multilayer and PE-X pipes: diameter 12 to 75 mm



- 1 Body**
Material:Brass CW617N
- 2 Plastic spacer**
Material: PE
- 3 O-rings**
Material: EPDM
- 4 Sleeve**
Material: Stainless steel 304