

## INSTALLATION



### Tubing Preparation

Clean the tubing of dirt and debris, both the exterior and interior. Cut the tubing square/perpendicular at the desired length. Avoid uneven, angled, and rough cuts to ensure a proper connection seal.



### Fitting Insertion

Select the proper fitting based on the corresponding tubing size. Insert the PF15 Press-fitting fully until the fitting and tubing bottoms out. Verify the fitting is fully inserted through visual verification of tubing in the sight window (small holes at the bottom of the stainless sleeve).



### Pressing

Select the correct size hand-tool or press jaw for the corresponding fitting. Position the jaw over the pressing ring between the lip at the end and the plastic gasket at the front. Press the fitting completely.



### Verification

If pressed correctly, the joint will fit the "GO" side of the corresponding size of the gauge.

## STANDARDS AND APPROVALS



PF15 Press Fittings are certified to the standard of ASTM F877 and CSA B137.5. It is listed to NSF/ANSI 61 by NSF for use in potable water systems.



## ABOUT RIFENG

Established in 1996, Rifeng Enterprise Group Co. Ltd has been committed to developing high-quality and environmental-friendly piping products that cover the plumbing, indoor climate, drainage, and gas applications etc. The company has upgraded its product range from multilayer pipes to PEX, PP-R, PVC and brass hardware and strives to provide professional systematic solutions.



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# PF15 PRESS FITTING

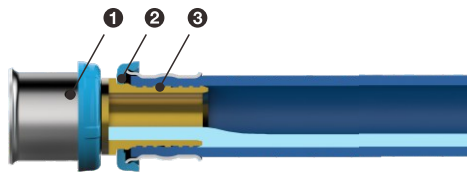




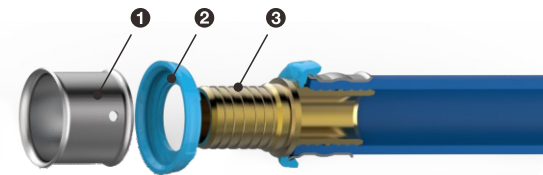
## ADVANTAGES

PF15 Press fittings connect to ASTM 876 SDR9 PEX tubing, approved for use in both hot and cold potable water systems.

- The fittings are well assembled in the factory, which can reduce installation errors on the job.
- Unlike the crimp fittings you need to buy copper rings and stainless steel clamps separately, which avoid the risk of missing press rings.
- The pressing area of the press rings is larger than that of the copper rings or stainless steel clamps, which makes the pressing tighter and safer.
- Engineered with multiple barbed locks, PF15 Press fittings can withstand larger drawing force to prevent tubing from pulling out.
- The portholes line up to show the position of the inserted pipes reducing leaks from installation errors.



- 1 Inspection holes: Avoid leakage caused by installation errors
- 2 Plastic gasket: Unique design for tool positioning
- 3 Multiple barbed locks improve tensile and pullout strength.



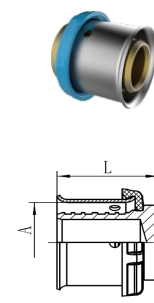
- 1 Press Ring Material: SUS304
- 2 Plastic Gasket Material: PE
- 3 Fitting Main Body Material: Lead-free brass

## TECHNICAL DATA

400psi (2.76Mpa), -4°F (-20°C)~180°F (82°C)

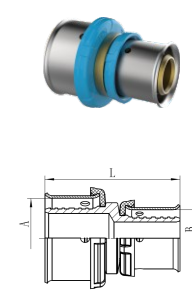
## PF15 PRESS FITTING

### Test Plug



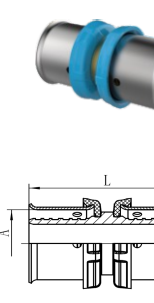
SIZE	A	L
3/8	12.9	19.5
1/2	16.1	19.5
5/8	19.3	19.5
3/4	22.5	19.5
1	28.8	23.5

### Reducing Coupling



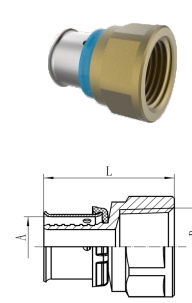
SIZE	A	B	L
1/2x3/8	16.1	12.9	36.3
3/4x1/2	22.5	16.1	40.7
1x3/4	28.8	22.5	36.7

### Coupling



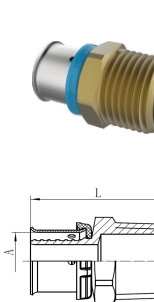
SIZE	A	B	L
3/8	12.9	12.9	36
1/2	16.1	16.1	36
5/8	19.3	19.3	36
3/4	22.5	22.5	36
1	28.8	28.8	44.3

### Female Adapter



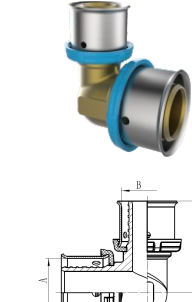
SIZE	A	B	L
1/2x1/2F	16.1	NPT 1/2	33.5
1/2x3/4F	16.1	NPT 3/4	35.5
3/4x1/2F	22.5	NPT 1/2	33
3/4x3/4F	22.5	NPT 3/4	35
1x3/4F	28.8	NPT 3/4	38.5
1x1F	28.8	NPT 1	40.5

### Male Adapter



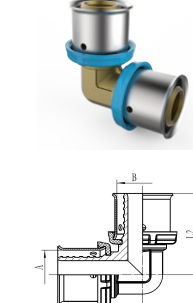
SIZE	A	B	L
3/8x1/2M	12.9	NPT 1/2	37
1/2x1/2M	16.1	NPT 1/2	37
1/2x3/4M	16.1	NPT 3/4	38.5
5/8x1/2M	19.3	NPT 1/2	37
3/4x1/2M	22.5	NPT 1/2	37
3/4x3/4M	22.5	NPT 3/4	38
3/4x1M	22.5	NPT 1	40.5
3/4x1 1/4M	22.5	NPT 1 1/4	46
1x3/4M	28.8	NPT 3/4	42.5
1x1M	28.8	NPT 1	44.5
1x1 1/4M	28.8	NPT 1 1/4	49.5

### Reducing Elbow



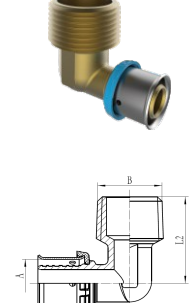
SIZE	A	B	L1	L2
3/4x1/2	22.5	16.1	27	30

### Elbow



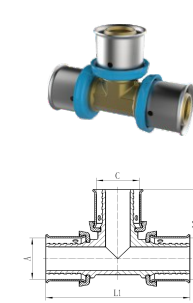
SIZE	A	B	L1	L2
3/8	12.9	12.9	25	25
1/2	16.1	16.1	27	27
5/8	19.3	19.3	28.5	28.5
3/4	22.5	22.5	30	30
1	28.8	28.8	37.5	37.5

### Male Elbow



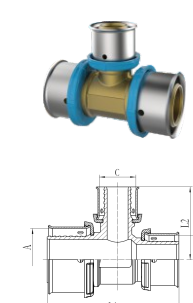
SIZE	A	B	L1	L2
1/2x1/2M	16.1	NPT 1/2	29.5	27
1/2x3/4M	16.1	NPT 3/4	32.5	28
3/4x3/4M	22.5	NPT 3/4	32.5	33.5
3/4x1M	22.5	NPT 1	36.5	33.5
3/4x1 1/4M	22.5	NPT 1 1/4	46.5	36
1x1M	28.8	NPT 1	40.5	36.5
1x1 1/4M	28.8	NPT 1 1/4	50.5	39

### Tee



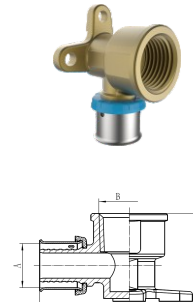
SIZE	A	B	C	L1	L2
3/8	12.9	12.9	12.9	50	25
1/2	16.1	16.1	16.1	54	27
5/8	19.3	19.3	19.3	57	28.5
3/4	22.5	22.5	22.5	60	30
1	28.8	28.8	28.8	75	37.5

### Reducing Tee



SIZE	A	B	C	L1	L2
1/2x3/4x1/2	16.1	22.5	16.1	60	27
3/4x1/2x1/2	22.5	16.1	16.1	53.5	30
3/4x3/4x1/2	22.5	22.5	16.1	60	30
3/4x1/2x3/4	22.5	16.1	22.5	54	30
3/4x1x3/4	22.5	28.8	22.5	67	36
1x1/2x1/2	28.8	16.1	16.1	58	33.5
1x1x1/2	28.8	28.8	16.1	71	37.5
1x1/2x3/4	28.8	16.1	22.5	58	33.5
1x3/4x3/4	28.8	22.5	22.5	64	33.5
1x1x3/4	28.8	28.8	22.5	71	37.5
1x1/2x1	28.8	16.1	28.8	62	33.5
1x3/4x1	28.8	22.5	28.8	68	33.5

### Drop Ear 90° Elbow



SIZE	A	B	L1	L2
1/2x1/2F	16.1	NPT 1/2	31.5	32.5
3/4x1/2F	22.5	NPT 1/2	31.5	38
3/4x3/4F	22.5	NPT 3/4	34	40.5