SPECIFICATIONS

Coupling

Specif.
16×16
20×20
25×25
32×32

Elbow

Specif.
16×16
20×20
25×25
32×32

Tee

Specif.
16×16×16
20×20×20
25×25×25
32×32×32

End Cap

Specif.
16
20
32

Reducer

Specif.
20×16
25×16
25×20
32×25

Elbow Reducer

Specif.
20×16

Tee Reducer

Specif.
16×20×16
20×16×16
20×16×20
20×20×16
25×20×20
25×20×25
32×16×32

45° Elbow

Specif.
25×25
32×32

STEP 1: Pipe cutting
Cut the pipe vertically and precisely with the RIFENG pipe cutter.

STEP 2: Pipe beveling and rounding
Use RIFENG reamer to bevel and round the pipe end. Insert the pipe completely inside the reamer. Rotate the reamer in one direction several times to round the pipe end.

STEP 3: Pipe inserting into fitting
Choose a fitting in an appropriate size. Insert the pipe into the fitting until it reaches the plastic block. Make sure the pipe is completely inserted by checking the insertion depth through the inspection holes on the sleeve shoulder

STEP 4: Pressing
Place the fitting into the jaw. Press the fitting until the jaw is fully closed.
The press jaw must be placed close to the plastic gasket.

STEP 5: Checking
Open the handles and remove the pressing tool from the fitting and the installation is complete.

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RIFENG PPSU MULTI-JAW PRESS FITTINGS

RIFENG

RIFENG PPSU MULTI-JAW PRESS FITTINGS

RIFENG PPSU multi-jaw press fittings are durable and corrosion resistant, providing an ideal solution for aggressive water environments.Multiple O-ring design for more reliable connection with multi-layer pipe, it could be pressed with U/H/TH profiles at the same time, making installation easy and efficient.

As a material with excellent properties, PPSU is mainly used for potable water supply. We believe that stable, hygienic, and high-performance PPSU fittings will be an excellent choice for your next piping system.

Technical Data

PPSU Multi-jaw Press Fittings

- Max Transient Working Temperature: 95°C
- Max Working Temperature:70°C
- Working Pressure: 1.0MPa (10bar)

Certificates

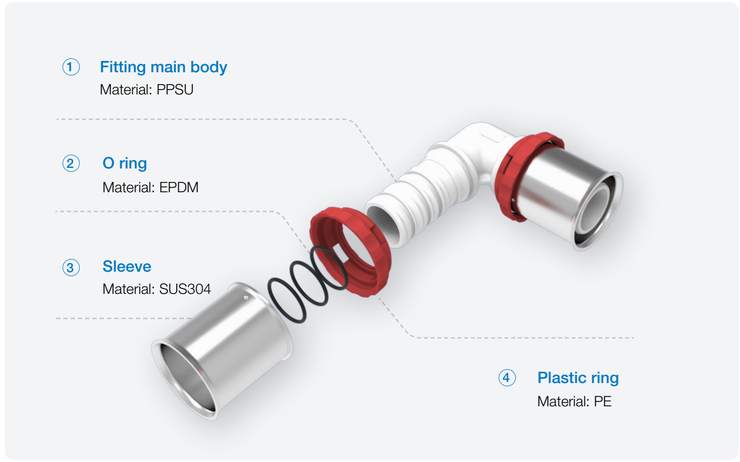
AENOR SPAIN

NF FRANCE

PERT/AL/PERT & PEX/AL/PEX

TYPE	PERT/AL/PERT & PEX/AL/PEX
Material	PERT: Temperature-resistant polyethylene PEX: Cross-linked polyethylene
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
Working temperature	-40°C~+95°C
Maximum working pressure	10 bar

Structure



Advantages

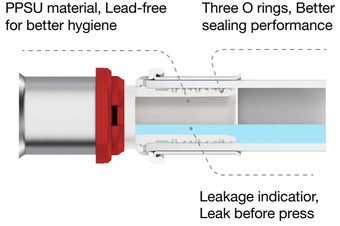
Lead-free, more hygienic.

Can be pressed with U/H/TH profiles, making installation easy and efficient.

Excellent sealing performance with three O rings.

With leakage indication, if the fittings are not pressed, the water will come out during the pressure test.

More affordable than brass fittings.

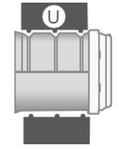


Hygienic, safe for use in the drinking water supply.

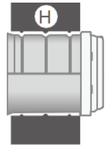
Corrosion and chemical resistance.

Pressing Tool Instruction:

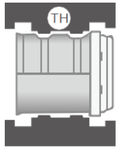
To avoid leakage due to incorrect installation, each pressing tool should be placed at the right position before pressing. Here are the placed positions of different pressing tools.



U-Profile



H-Profile



TH-Profile