

PP-R MASS FLOW SERIES

RIIFO mass flow series, made of superior polypropylene random, surpass current fittings in the market in terms of weight and size. They comply with the EN 15874 standard certified by CE.



Sweep Junction

- Reducing 50% of the water resistance
- Reliable structure with a strengthening rib
- Easier assembly with the directional mark



Large Arc Elbow

- Reducing 50% of the water resistance. The pressure wave of the water flow is diffused and disappears through the curved arc form. This shape also avoids that water strikes directly onto the fitting.



Gate Valve

- Full diameter water flow increases by 200%.
- Three NBR seal rings to prevent leakage.
- High-quality brass of the valve spool, which makes it more durable.



U-profile Tap Elbow

- New U-profile tap elbow perfectly fits into hygiene oriented and water flow rate optimized installations using different loop installation methods.
- Improved profile design allowing better flow rate.
- Simpler and more flexible installation.

CERTIFICATES



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 EUROPE

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RIIFO



RIIFO PP-R piping system, made out of high-quality polypropylene random can be applied in both residential and commercial buildings.

For over 20 years, RIIFO has been committed to supplying various PP-R pipes and fittings that comply with DIN 8077/8078, ISO 15874 and NSF 61, certificated by NSF, DVGW, CE and AENOR.

Moreover, RIIFO has launched its mass flow PP-R series, bringing a more hygienic and securer plumbing experience to customers worldwide.



RIIFO MULTILAYER PIPES

Advantages of RIIFO PP-R Pipes

- Corrosion-resistant
- Light in weight
- Hygienic and non-toxic
- Outstanding heat and sound insulation property
- A lifetime up to 50 years under normal conditions (the maximum working temperature of RIIFO PP-R pipes is up to 80°C and the working temperature for long-term use is 70°C)
- Smooth pipe inner wal
- Safe homogeneous connections

Fiber Composite PP-R Pipe

- Strongly isolate light to ensure clean water
- Low linear expansion coefficient
- Three-layer structure design, stable and reliable
- Upgraded temperature resistance

PP-RCT Pipe

- Greater performance at pressure resistance and temperature resistance
- Greater flow rate due to lower wall thickness
- Cost saving due to smaller diameters options
- Low temperature impact resistance

Product Range of PP-R Pipes

Diameter (mm)	S5 series	S4 series	S3.2 series	S2.5 series
	SDR 11	SDR9	SDR7,4	SDR6
20	●	●	●	●
25	●	●	●	●
32	●	●	●	●
40	●	●	●	●
50	●	●	●	●
63	●	●	●	●
75	●	●	●	●
90	●	●	●	●
110	●	●	●	●
160	●	●	●	●

● Supply of cold water ● Supply of hot water

FITTINGS FOR MULTILAYER PIPES

RIIFO PP-R fittings have an unique structure - swallow tailed structure on the metal insert, which can eliminate the risk of leakage from gaps caused by different thermal conductivity performances of brass and plastic



DOVETAILED NOTCH

Avoid leakage risk caused by different thermal expansions.



36 BITING POINTS:

Anti-axial slip between metal insert and the plastic part.



BUTTON SAFETY RING:

Anti-over-twist when installing devices with threads.