

INFRASTRUCTURE SOLUTIONS

PP-R Pipes & Fittings

A complete system of polypropylene random copolymer (PP-R) pipes and brass-threaded fittings produced at our Polymer Factory under German BQ engineering standards for hot and cold potable plumbing networks without scale buildup or leakage.



SPECIFICATIONS

Pressure rating	Withstands pressure up to 20 bar
Temperature resistance	Up to 100°C (higher briefly in unpressurized systems)
Standard	German BQ product made to DIN 8077/8078 and DIN EN 15874 — exclusive agency
Joining Technology	Homogeneous socket thermal fusion welding eliminating leak paths
Properties	High corrosion and scale resistance, potable-water safe, corrosion-resistant brass threaded parts

AVAILABLE MODELS & CONFIGURATIONS

Model	Capacity / size	Description
German BQ PP-R Hot & Cold Pressure Pipes	Hot and cold water ● Up to 20 bar	High-pressure multi-layer PP-R pipes resisting calcification and temperature cycling.
Brass-Threaded PP-R Fusion Fitting Network	Elbows ● Tees ● Valves ● Brass manifolds	Precision molded PP-R fittings with lead-free DZR brass threaded inserts for secure mechanical connections.

MATERIALS & ENGINEERING PROPERTIES

Virgin food-grade PP-R resin thermal-fusion welded for homogenous joints, coupled with dezincification-resistant brass threaded inserts.

APPLICATIONS

- Internal hot and cold domestic water supply networks
- Plumbing installations in residential villas and commercial developments
- Industrial fluid transfer and sanitary piping circuits

SUITED TO PROJECT TYPES

- Industrial & logistics
- Infrastructure & municipal

The next step for your project

- Request a quote

www.alzamil.com › Contact › Request a quote
- Speak to an engineer

www.alzamil.com › Consultation › Request a consultation
- Unified number

920009879
- Email

info@zamilco.com

This sheet is compiled from information Al Zamil publishes at zamilco.com and store.zamilco.com. It does not replace official certificates or test reports. When preparing a technical submittal, confirm the values with an Al Zamil engineer.

Al Zamil Industry, Trade & Transport Co. · 2913 Imam Abdullah Bin Saud St., Alhamraa, Riyadh, Saudi Arabia