

PPR-C Pipes & Fittings

Polypropylene Random Copolymer (PPR / Type 3) · Ø20 – Ø110 mm

System overview

Polymer	Polypropylene Random Copolymer (PPR / Type 3)
Pressure classes	PN16 · PN20 · PN25
Size range	Ø20 – Ø110 mm
Continuous service temp.	Continuous service ≤ 70 °C; short-term peaks up to 95 °C
Minimum / handling temp.	Recommended above 0 °C in service (handle below 0 °C with care during install)
Joining method	Heat (socket) fusion at 260 °C ±10 °C per DVS 2207-11

Standards & conformity

Scope	Standard
Pipes	TS EN ISO 15874 / DIN 8077 / DIN 8078
Fittings	TS EN ISO 15874 / DIN 8077
Heat fusion	DVS 2207-11
Quality system	ISO 9001
Conformity	CE marking

Recommended applications

- Hot and cold potable water (residential, commercial, hospitality)
- Building risers and horizontal mains
- Light compressed-air lines (oil-free, within rated PN class)

Outside the scope of this product line

- Continuous service above 70 °C
- Gravity drainage / wastewater (use PVC TYPE-1 instead)
- Petroleum products and aggressive solvents

Manufacturing & raw material

Manufactured at Velimeşe O.S.B. Mah. 227. Sok. No: 24/1, Çerkezköy / Tekirdağ / Türkiye. Quality system: ISO 9001.

Raw material: Korea · USA · Saudi Arabia (100% original virgin polymer).

Manufacturer warranty: Up to 50 years (per product line, when installed and used per published guidelines).

Project-specific dimensional tables, batch test certificates and DoP documents are available on request – contact info@vala.com.tr.