

Polybutylene (PB) Pipes & Fittings

Polybutylene-1 (PB) · Ø16 – Ø32 mm

System overview

Polymer	Polybutylene-1 (PB)
Pressure classes	PN16 · PN20
Size range	Ø16 – Ø32 mm
Continuous service temp.	Continuous service up to 82 °C; peaks 95 °C
Minimum / handling temp.	Service down to -15 °C handling; consult installation guide for cold-climate routing
Joining method	Push-fit / electrofusion (system-specific connectors)

Standards & conformity

Scope	Standard
Pipes & fittings	DIN EN ISO 15876
Quality system	ISO 9001
Conformity	CE marking

Recommended applications

- Potable hot/cold water (residential and commercial)
- Central heating distribution
- Underfloor heating circuits where push-fit is preferred

Outside the scope of this product line

- Non-pressurised drainage
- Solvent-bearing fluids

Additional note

Push-fit joints require correct insertion depth – see </assets/datasheets/pb-installation.pdf>.

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.