

Technical properties

Material	PE-RT Type II acc. to ISO 22391
Dimension	25x2,3
Outer diameter [mm]	25
Inner diameter [mm]	20,4
Wall thickness [mm]	2,3
Max. operating temperatur acc. ISO 10508 Class 4 [°C]	70
Max. operating pressure acc. ISO 10508 Class 4 [bar]	6
Classification of service conditions ISO 10508	Class 4 (6 bar)
Thermal conductivity [W/mK] at 20 °C DIN 52612	0,41
Coefficient of linear thermal expansion [mm/mK] DIN 52328	0,195
Surface roughness inside [mm] acc. Prandl/Colebrook	0,007
Oxygene diffusion barrier DIN 4726 [g/m³d]	< 0,1
Weight [kg/meter]	0,1578
Volume [liter/meter]	0,327

Approvals and certifications

KIWA KOMO BRL 5602, Certification Nr.: K86478	✓
KIWA KOMO BRL 5607, Certification Nr.: K86478	✓
DIN CERTCO, Certification Nr.: 3V399 PE-RT	✓
Oxygene diffsuion barrier acc. to DIN 4726	✓
Oxygene diffsuion barrier acc. to ISO 17455	✓
European Systemapproval for applications following ISO 10508 Class 4 and 5, underfloorheating and radiator connection, Certificate number: ETA 17/1013	✓

