

500-PRT1820-234: 5l PE-RT ϕ 18x2 / 600 m



Commercial information

The Henco 5L PE-RT pipes are made of five layers; a PE-RT inner pipe, an adhesive layer and a centrally positioned oxygen barrier, protected by an outer PE-RT layer. Thanks to the oxygen barrier the pipe responds to the requirements specified in DIN 4726 for oxygen diffusion heating systems. Thus the Henco 5L PE-RT pipes are perfectly suitable for use in heating installations.

Basic unit dimensions

| | |
|------------|----------|
| Height | 18 mm |
| Length | 1,000 mm |
| Width | 18 mm |
| Net weight | 0.104 kg |

Certificates

Applications

Underfloor Heating

Solutions

Underfloor heating

Technical characteristics

| | | | |
|------------------------------------|-------------------|--|----------------------------------|
| Material | Polyethylene (PE) | Outer pipe diameter | 18 Millimetre |
| Material quality | PE-RT I | Wall thickness | 2 Millimetre |
| Diffusion-proof | ✓ | Standard Dimension Ratio (SDR) | 9 |
| Nominal diameter | DN 12 | Max. operating pressure at max. medium temperature | 6 Bar |
| Connection 1 | Tube end | Outer diameter mantle pipe | 0 Millimetre |
| Connection 2 | Tube end | RAL-number pipe | 0 |
| Capped | ✗ | Number of sealing rings, sleeve | 0 |
| Chamfered | ✗ | Wall roughness | 0.00 Millimetre 7 |
| With mantle pipe | ✗ | Expansion coefficient | 0.18 Millimetre per metre Kelvin |
| Pipe colour | Other | Medium temperature | - Degrees celsius 10 7 0 |
| Flexible | ✓ | Lambda value | 0.41 Watt per metre Kelvin |
| With thermal insulation | ✗ | Min. bending radius | 90 Millimetre |
| With heating cable | ✗ | Min. bending radius without tools | 90 Millimetre |
| UV resistant | ✗ | Outer diameter thermal insulation | 0 Millimetre |
| SVGW certified | ✗ | Thickness of thermal insulation | 0 Millimetre |
| Type approval according to BBR/EKS | ✗ | Water content | 0.15 Litre per metre 4 |