

500-PRT1820: 5L PE-RT Ø18x2 500m



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

KOMO, CE, SKZ

Applications

Potable water, Heating, Cooling, Compressed air, Demi Water, Underfloor Heating, Sanitary

Solutions

Building installations, Industry, Underfloor heating, Utility

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	0.13 Litre per metre 3