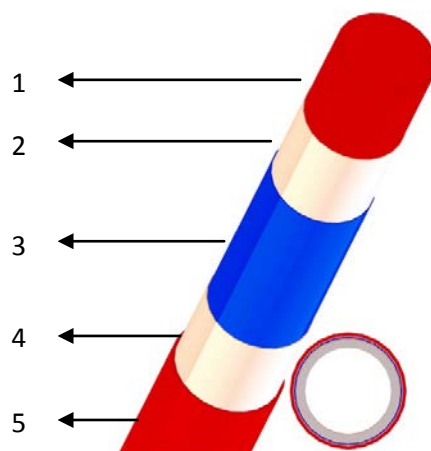


HERZ-Line Pipe

Plastic multilayer pipe

Data sheet for HERZ LINE, Issue 1119

Pipes



1) PE-RT basic pipe

- with raised temperature resistance
- colour: nature

2) Adhesive layer

- colour: nature

3) Oxygen barrier layer

- colour: nature

4) Adhesive layer

- colour: nature

5) PE-RT outside layer

- as protection against damages of the oxygen barrier
- colored in red

Field of use

The red PE-RT-5-layer pipe is ideal for use in underfloor and wall heating, concrete core activation, open space and industrial surface heating systems. The HERZ Line PE-RT pipe is high-temperature stable, oxygen-tight and flexible.

Pipe Ø x wall thickness	Lenght pipe coil	Order number
16 x 2 mm	240 m	U 1622 40
	480 m	U 1624 80
	600 m	U 1626 00
17 x 2 mm	240 m	U 1722 40
	480 m	U 1724 80
	600 m	U 1726 00
18 x 2 mm	240 m	U 1822 40
	480 m	U 1824 80
20 x 2 mm	240 m	U 2022 40
	480 m	U 2024 80

Fittings

Only the following fittings may be used as connectors:

- Plastic pipe connections G 3/4 (compression fitting), 1 **6098 XX**
- Press fittings with brass body (for example T **7XXX XX**)

Further information about fittings can be found in the corresponding data sheets. Attention: Press fittings with plastic body R **XXXX XX** are not suitable for installation with the HERZ-Line pipe.

Technical specification

	16 x 2 mm	17 x 2 mm	18 x 2 mm	20 x 2 mm
Pipe weight	90 g/lfm	100 g/lfm	104 g/lfm	120 g/lfm
Pipe weight with H₂O	203 g/lfm	233 g/lfm	258 g/lfm	321 g/lfm
Internal pipe volume	0,113 l/lfm	0,133 l/lfm	0,154 l/lfm	0,201 l/lfm
Material	PE-RT (Polyethylene – for raised temperature), type 1			
Expansion coefficient	0,19 mm/mK			
Thermal conductivity	0,35 W/mK			
Oxygen diffusion:	< 0,1 mg/lld			
Density	0,933 g/cm ³			
Bending radius	5 x pipe -Ø			
Manufactured according to	EN ISO 22391			
Oxygen barrier according to	DIN 4726			
Classification	Class 4: T _{max} 70 °C/ 6 bar			
	Class 5: T _{max} 90 °C/ 4 bar			

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