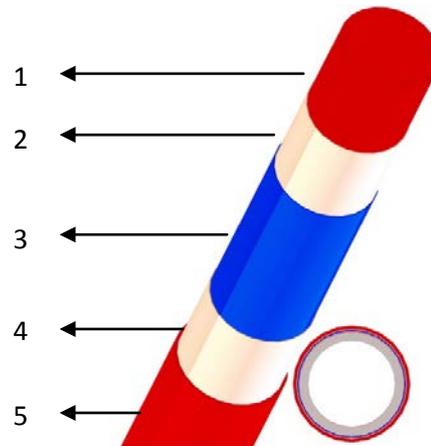


# HERZ-Line Pipe

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

All specifications and statements within this document are according to information available at the time of printing and meant for informational purpose only. Herz Armaturen reserves the right to modify and change products as well as its technical specifications and/or its functioning according to technological progress and requirements. It is understood that all images of Herz products are symbolic representations and therefore may visually differ from the actual product. Colours may differ due to printing technology used. In case of any further questions don't hesitate to contact your closest HERZ Branch-office.