

# DATA SHEET SYSTEM HEATING PIPES



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## System heating pipe 16 x 2.0 mm duo-flex PE-RT

5-layer plastic safety heating pipe



### Standards:

DIN 16833

Oxygen diffusion tight acc. to DIN 4726

### Monitoring:

1. In-house monitoring
2. Süddeutsches Kunststoffzentrum SKZ  
Würzburg

### Configuration:

- Standardised base pipe made of polyethylene (PE-RT)
- Adhesion promoter
- EVOH oxygen diffusion barrier
- Adhesion promoter
- PE-RT

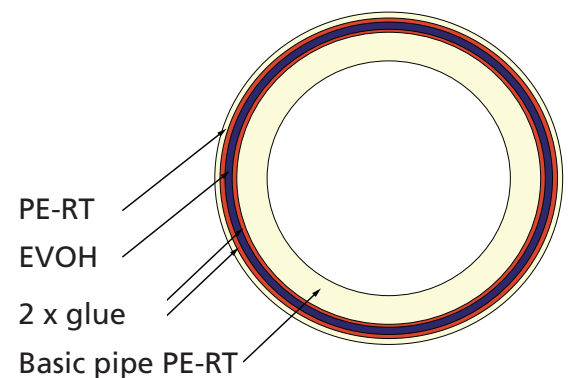
### Accessories:

Safety pipe

Article no. 1163000

### TECHNICAL DATA

Max. operating temperature	95 °C
Max. operating pressure	6 bar
Bending radius	5 x d
Coefficient of thermal expansion	$1.5 \times 10^{-4} \text{ K}^{-1}$
Colour	natural
Thermal conductivity	0.41 W/mK
Oxygen-tightness acc. to DIN 4726	$\leq 0.32 \text{ mg/m}^2 \times \text{d}$ at 40 °C
Water content	0.113 l/m



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## Roll dimensions:

Dimension mm	Length in m	Di in mm	Da in mm	Width in mm	Weight in kg
16 x 2.0	240	440	780	190	29.0
16 x 2.0	600	440	780	470	47.8

## PU/ pallet:

Article no.	Length in m	Packaging	PU/ pallet
5000190	240	foil	2160m 9 rolls
1157876	600	foil	1800 m 3 rolls

## Pipe marking:

- SCHÜTZ Energy Systems duo-flex PE-RT 16 x 2 mm, DIN 16833, oxygen-tight acc. to DIN 4726, production date + time, order number, article number, linear meters, monitored by SKZ, Made in Germany

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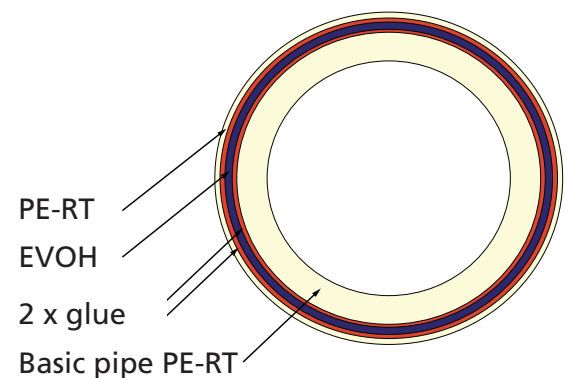
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Colour	natural
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Water content	0.133 l/m



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## Roll dimensions:

Dimension mm	Length in m	Di in mm	Da in mm	Width in mm	Weight in kg
17 x 2.0	240	470	780	250	24.2
17 x 2.0	400	440	800	400	40.8
17 x 2.0	600	440	800	500	57.3

## PU/ pallet:

Article no.	Length in m	Packaging	PU/pallet 80 x 80 cm <sup>2</sup>
5000191	240	foil	1680 m 7 rolls
5006108	400	foil	2400 m 6 rolls
1157701	600	foil	1800 m 3 rolls

## Pipe marking:

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