

DATA SHEET SYSTEM HEATING PIPES



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System heating pipe PE-Xa 16 x 1.8 mm duo-flex Klett

5-layer plastic safety heating pipe
made of PE-Xa with hook strips



Standards:

DIN EN 15875

DIN EN 1264

Oxygen diffusion tight acc. to DIN 4726

DINCERTCO 3V296

Monitoring:

1. In-house monitoring
2. Süddeutsches Kunststoffzentrum SKZ
Würzburg (SKZ certification A 342)

Configuration:

- Standardised base pipe made of crosslinked polyethylene (PE-Xa)
- Adhesion promoter
- EVOH oxygen diffusion barrier
- Adhesion promoter
- PE-HD
- Hook strips

Accessories:

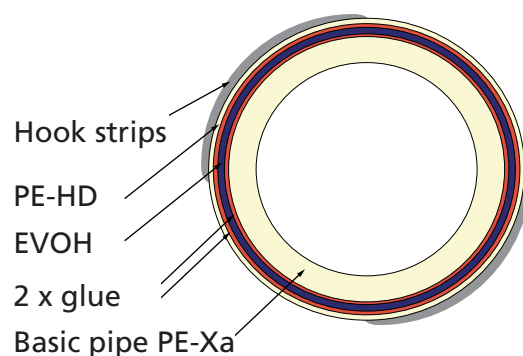
Door strut

Article no. 5005323

TECHNICAL DATA

Max. operating temperature	95 °C
Max. operating pressure	6* bar
Bending radius	5 x DA
Coefficient of linear thermal expansion	$1.4 \times 10^{-4} \text{ K}^{-1}$
Colour	natural
Cross-linking degree	at least 70 %
Heat conductivity	0.41 W/mK
Oxygen-tightness acc. to DIN 4726	$\leq 0.32 \text{ mg/m}^2 \times \text{d}$ at 40 °C
Watercontent	0.121 l/m

*Creep rupture resistance according to creep rupture diagram



Cover pipe

Article no. 1163000

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Role dimensions:

Dimension mm	Length in m	Di in mm	Da in mm	Width in mm	Weight in kg
16 x 1.8	120	440	780	800	12.2
16 x 1.8	600	440	780	580	50.5

PU/pallet:

Article no.	Length in m	Packaging	PU/pallet
3074000	120	foil	2040 m 17 rolls
3074001	600	foil	1800 m 3 rolls

Pipe marking:

- SCHÜTZ Energy Systems duo-flex, PE-Xa 16x1.8mm (DN 15.2x1.4mm), application class 4/6bar, size class A, oxygen-tight acc. to DIN 4726, production date + time + machine, linear meters, SKZ monitored A342, acc. to DIN EN 15875-2, Made in Germany

Production plant:

- SCHÜTZ GmbH & Co. KGaA, Ransbach-Baumbach

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System heating pipe PE-Xa 17 x 2.0 mm duo-flex Klett

5-layer plastic safety heating pipe
made of PE-Xa with hook strips



Standards:

DIN EN 15875

DIN EN 1264

Oxygen diffusion tight acc. to DIN 4726

DINCERTCO 3V296

Monitoring:

1. In-house monitoring
2. Süddeutsches Kunststoffzentrum SKZ
Würzburg (SKZ certification A 342)

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Accessories:

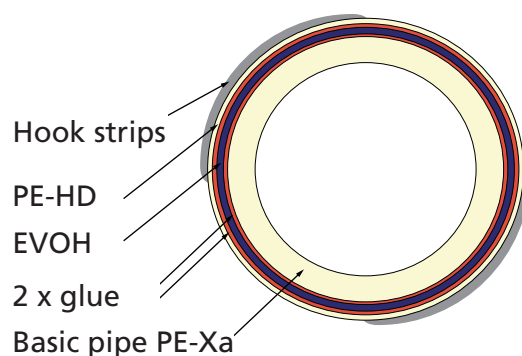
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Cross-linking degree	at least 70 %
Heat conductivity	0.41 W/mK
Oxygen-tightness acc. to DIN 4726	$\leq 0.32 \text{ mg/m}^2 \times \text{d}$ at 40 °C
Watercontent	0.133 l/m

*Creep rupture resistance according to creep rupture diagram



Cover pipe

Article no. 1163000

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Role dimensions:

Dimension mm	Length in m	Di in mm	Da in mm	Width in mm	Weight in kg
17 x 2.0	240	440	780	250	23.52
17 x 2.0	600	440	780	600	56.1

PU/pallet:

Article no.	Length in m	Packaging	PU/pallet
3074002	240	foil	2400 m 10 roles
3074003	600	foil	1800 m 3 roles

Pipe marking:

- SCHÜTZ Energy Systems duo-flex, PE-Xa 17x2mm (DN 15.9x1.45mm), application class 4/6bar, size class C, oxygen-tight acc. to DIN 4726, production date + time + machine, linear meters, SKZ monitored A342, DINCERTCO 3V296, ATG 2778, acc. to DIN EN 15875, Made in Germany

Production plant:

- SCHÜTZ GmbH & Co. KGaA, Ransbach-Baumbach