

Data Sheet

Floor Heating PEXa Pipes

Description



The Olgassys PEXa pipe is a high quality floor heating pipe with an EVOH oxygen barrier **made in Sweden**. All layers are permanently bonded with each other during the production process.

PEX-a (peroxide) pipes give greater flexibility than PEX pipes cross-linked by other systems.

They can be cold bent and curved very easily and without special tools, saving joints and installation time.

The EVOH oxygen anti-diffusion barrier is a thin layer of ethylene vinyl alcohol copolymer which prevents permeability of the pipe to oxygen diffusion. This construction eliminates problems with addition of oxygen to the flow water and the resulting corrosion of metal parts in the installation, extending the working life of the whole installation.

5-layer piping made of cross-linked polyethylene and produced by the peroxide method, with oxygen anti-diffusion barrier, according to the requirements of European standard EN 1264-4. Pipe cross linking degree >70 % according to ISO 15875.

Ordering

Product	Size (mm)	Length (m)	Ordering Code
FH PEX-A pipe EVOH 5-layer	16 x 2.00 mm	600	OLG1818

Accessories

Product	Connection	Size	Ordering Code
	Screw coupling	16.0 x 2.00 mm	OLG1818-1
	Press Coupling	16.0 x 2.00 mm	OLG1818-2
	G3/4", internal thread	16.0 x 2.00 mm	OLG1815

Technical Specifications

Materials	PEXa / EVOH	
Max. working pressure at same temperature over 50 years	40 °C	10 bar
	60 °C	8 bar
Max. working temperature	95 °C	
Oxygen barrier	EVOH	
Linear expansion coefficient	0,026 mm/m·K	
Thermal conductivity	$\lambda = 0,35 - 0,38 \text{ W/m} \cdot \text{K}$	
Oxygen-tightness according to DIN 4726	0,08 g/m ³ × d	
Colour	Red	
Min. bending radius for 16 mm pipe dimension	80 mm (5 × outside diameter)	

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