

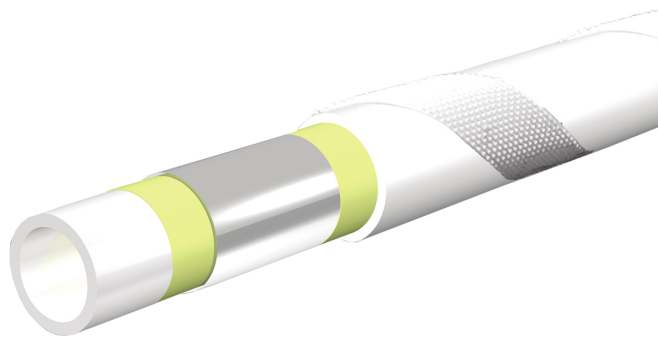
Product Data Sheet

4/19/2025

Heating Distribution (Plastic Pipes)

SKR Klett PE-RT/AL/PE-RT

Romania - Purmo



- High durability
- Efficient heating
- Oxygen-tight
- Easy installation
- Corrosion-resistant

Description

The SKR Klett PE-RT/AL/PE-RT pipes feature a multi-layer construction ensuring 100% oxygen diffusion tightness, protecting against corrosion and extending the system's life. Suitable for various applications including floor heating and radiator connections, these pipes handle high temperatures and pressures while maintaining ease of installation.

Area of Application

SKR Klett PE-RT/AL/PE-RT is ideal for floor heating and radiator connections. Operating temperature up to 95°C, pressure up to 10 bar, guaranteed 100% oxygen diffusion tightness, available in diameters 14x2, 16x2, and 17x2 mm, comes in 120, 240, and 500 m rolls.

Selection Criteria

For product selection, use our design service, or for quick selection, refer to our brochure.

Basic User Instructions

SKR Klett PE-RT/AL/PE-RT pipes are compatible with various heating systems, providing a reliable, oxygen-tight solution. Ensure proper handling to avoid kinks and use appropriate tools for bending in tight radii. Installation temperature should not exceed specified limits.

Prescription text specifiers

The SKR Klett PE-RT/AL/PE-RT pipes are designed for heating systems, providing a highly efficient, oxygen-tight solution. With a maximum operating temperature of 95°C and a pressure rating of 10 bar for diameters 14x2 mm and 16x2 mm, these pipes feature a robust, multi-layer construction combining PE-RT and aluminum. They offer excellent corrosion resistance and efficient heat transfer, ensuring long-lasting performance and reliability. Available in coils of 120, 240, and 500 meters, SKR Klett pipes are easy to handle and install, making them suitable for various applications including underfloor heating and radiator connections. Certified by DIN CERTCO, they come with a 10-year warranty, ensuring peace of mind for installers and end-users alike.

Warranty

Purmo radiators are warranted for a period of 10 years* from date of purchase against all manufacturing defects when they are used in normal conditions and for a heating system with hot water. The warranty does not apply to defects caused by installation or handling errors, misuse or factors external to the radiators, such as water quality or oxygen-permeable pipes.

Underfloor heating products and piping systems elements are warranted for a period of 10 years**.

* 6 years for galvanized radiators and 2 years for all electronic and electric components and spare parts sold separately (side covers, top grilles, plastic clips, plugs, air vents, fixing parts)

** 30 years for PexPenta pipes

Specification

Feature	Unit	Value
Etim Class		EC010225 - Multi-layered pipe, smooth
Weight	Kilogram (kg)	14.16, 70.8
UV resistant		Yes
Halogen free		Yes
Flexible		Yes
Wall thickness	Millimetre (mm)	2
Glass-fibre reinforced		No
Water content	Litre per metre (l/m)	0.113
Number of layers		18, 21, 25
Outer pipe diameter	Millimetre (mm)	16
Suitable for surface mounting		Yes
With heating cable		No
Max. medium temperature (momentarily)	Degrees celsius (°C)	110
Min. bending radius without tools	Millimetre (mm)	80
Max. operating pressure at max. medium temperature	Bar (bar)	8
Thickness intermediate layer	Millimetre (mm)	0.2
Min. bending radius	Millimetre (mm)	80
Expansion coefficient	Millimetre per metre Kelvin (mm/(m.K))	0.025
With mantle pipe		No
Pipe colour		White
Quality class inner layer		PE-RT II
Quality class intermediate layer		Other
Quality class outer layer		PE-RT II
Wall roughness	Millimetre (mm)	0.007
Diffusion-proof		Yes
Max. operating pressure at 20 °C	Bar (bar)	10
Medium temperature (continuous)	Degrees celsius (°C)	5, 90
Nominal diameter		DN 16
With thermal insulation		No
Material inner layer		Plastic
Material intermediate layer		Aluminium
Material outer layer		Plastic
System specific		No
Item depth	Millimetre (mm)	7.8E+215
Item weight	Kilogram (kg)	28.32
Item height	Millimetre (mm)	2.4E+215

Feature	Unit	Value
Item width	Millimetre (mm)	7.8E+215

Resources

Document Description	Document Type	Link
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Items

Global Item Code	Item Description
FF3PTAK162012000	PURMO heating pipe Premium line SKR Velcro 16 x 2mm, 120m ring
FF3PTAK162024000	PURMO heating pipe Premium line SKR Velcro 16 x 2mm, 240m ring
FF3PTAK162050000	PURMO heating pipe Premium line SKR Velcro 16 x 2mm, 500m ring