

DATA SHEET

FLOOR HEATING PIPE

EVENES-SLIM



type	length	order number
10x1,3 mm	80 m	90 026 75
10x1,3 mm	240 m	90 026 76

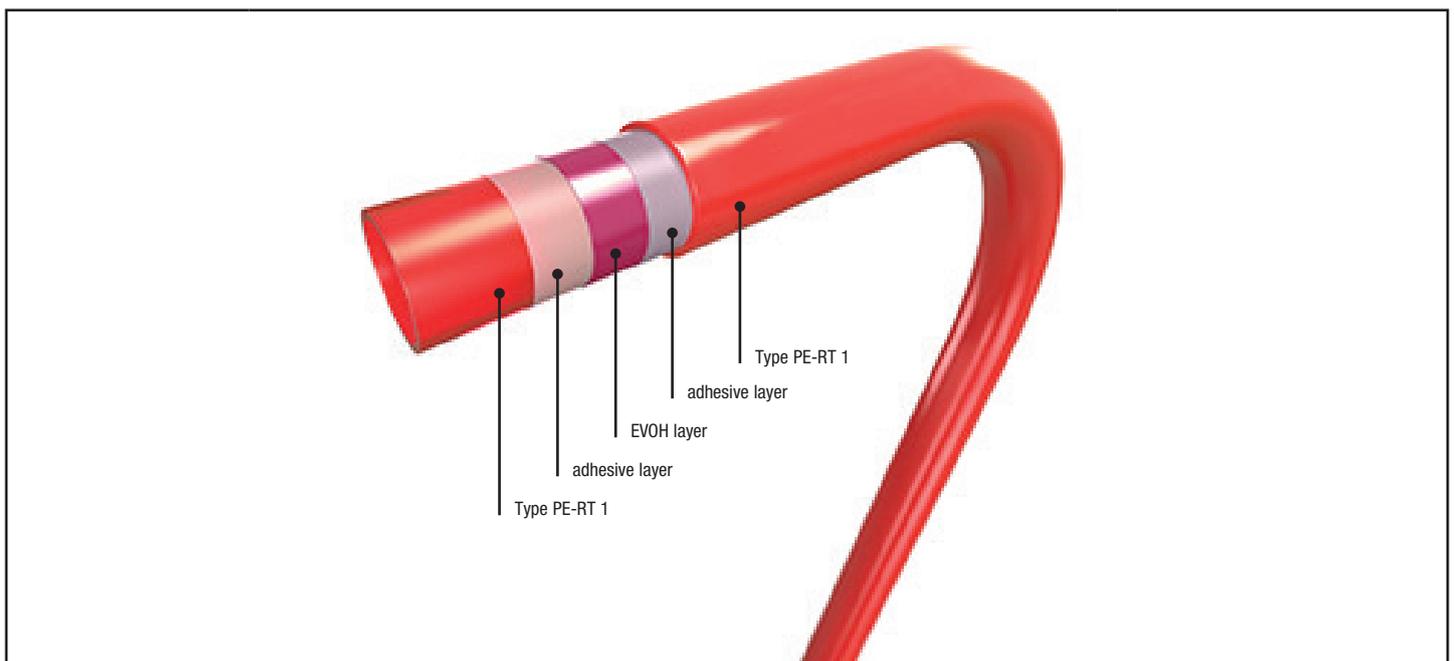
FEATURES AND BENEFITS

- The polyethylene pipe with an increased temperature resistance consists of 5 layers: the first layer or base layer consists of PE-RT Type 1. The second layer is an adhesive layer for fixing the third layer, the EVOH layer. This layer ensures that the pipe will prevent the oxygen diffusion. According to DIN 4726, the U-tube is protected against oxygen diffusion.
- The PE-RT Type 1 resin is highly flexible. It is a polyethylene copolymer with a specific molecular structure which is based on a controlled distribution in a side chain. Thus, it shows an improved behaviour regarding its durability without needing a reticulated PEX.
- The PE-RT Type 1 resin is optimally protected against aging which means that a pipe system that is connected to a PE-RT tube has a calculated lifespan of 50 years under normal operating conditions, as shown by internationally accepted regulations.
- Furthermore it is approved for drinking water in accordance with the most commonly used regulations.
- The pipes of the PE-RT Type 1 Resin can be used for a temperature range from 5°C to 80°C.

TECHNICAL SPECIFICATIONS

range of temperature (°C)	5-80, peak load 95
density (g/cm ³)	0,933 (ASTM D792)
coefficient of linear expansion if temperature rises from 20°C to 70°C	0,19 (DIN 53752 A)
thermal conductivity (W/mK)	0,4 (DIN 52612-1)
softening point (Vicat) (°C)	122 (ASTM D-1525)
maximum elongation at break (%)	800 (ISO527-2)
bend radius	5 x exterior diameter
impermeability towards oxygen	EVOH layer (DIN 4726)
certification	KOMO, MPA. (sought SKZ)
pipe roughness (mm)	0,013

TECHNICAL SPECIFICATIONS – DETAILS



REMARKS AND CONTACT

Technical modifications reserved!

evenes GmbH | Rote Länder 4 | 72336 Balingen | info@evenes.de | www.evenes.de