MAGNUM

Tube



MAGNUM Tube underfloor heating pipe is made of PE-RT Type I and represents Polyethylene Raised Temperature. As a result, this tube is also suitable for high temperatures.

PE-RT type I is strong and yet flexible. It is copolymer of ethylene with a unique molecular structure, based on a controlled side chain distribution. As a result, it shows superior performance in the areas of stress fracture and resistance to hydrostatic pressure, without crosslinking. This makes the MAGNUM Tube recyclable.

This PE-RT Type I is optimally stabilized for aging, so the MAGNUM Tube has a calculated life of at least 50 years under normal conditions. The PE-RT Type I MAGNUM Tube is specially designed for use in hot and cold water systems, floor and wall heating / cooling and ceiling cooling.

The applied PE-RT Type I material for over 20 years a leader in tube applications where a wide temperature range is required.

The MAGNUM tube can be used in a temperature range of 5 \square 80 \square CShort-term peak load to 95 \square Cat a maximum of 6 bar internal hydrostatic pressure can be withstood without problems.



Density
Linear expansion coefficient, 20□C70□C
Thermal conductivity at 60□C

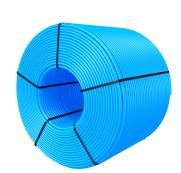
Softening Point (Vicat)
Maximum elongation at break

Bending radius
Oxygen Density

0,933 g/cm3 (ASTM D-792) 0,19 mm/mK (DIN 53752 A) 0,4 Watt/mK (DIN 52612-1) 122□ QASTM D-1525) > 800% (ISO 527-2) 5 x Diametre

EVOH Layer (DIN 4726)

Equipped with KOMO, MPA and SKZ certification warranty.



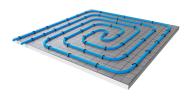
Part.no.	Description	Length
W10080	PE-RT 10 x 1,3	80 m
W10240	PE-RT 10 x 1,3	240 m
W14100	PE-RT 14 x 2	100 m
W14120	PE-RT 14 x 2	120 m
W14240	PE-RT 14 x 2	240 m
W14600	PE-RT 14 x 2	600 m
W16090	PE-RT 16 x 2	90 m
W16120	PE-RT 16 x 2	120 m
W16420	PE-RT 16 x 2	420 m
W16600	PE-RT 16 x 2	600 m
W18120	PE-RT 18 x 2	120 m
W18420	PE-RT 18 x 2	420 m
W18500	PE-RT 18 x 2	500 m
W20120	PE-RT 20 x 2	120 m
W20240	PE-RT 20 x 2	240 m
W20500	PE-RT 20 x 2	500 m

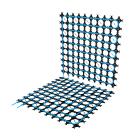


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15-08-2025 12:04 P 2/2