

ALL-PLASTIC PIPE MPP

HAKAultraflex PE-RT

The five-layer HAKAultraflex all-plastic pipe for surface heating made of PE-RT type I was specially developed for heating installers. The innovative interaction of the materials makes the pipe very flexible and thus extremely easy to lay.

Available as an OEM/private label product in the standard dimensions, colours and coil lengths.

HIGHLY FLEXIBLE

APPLICATION AREAS

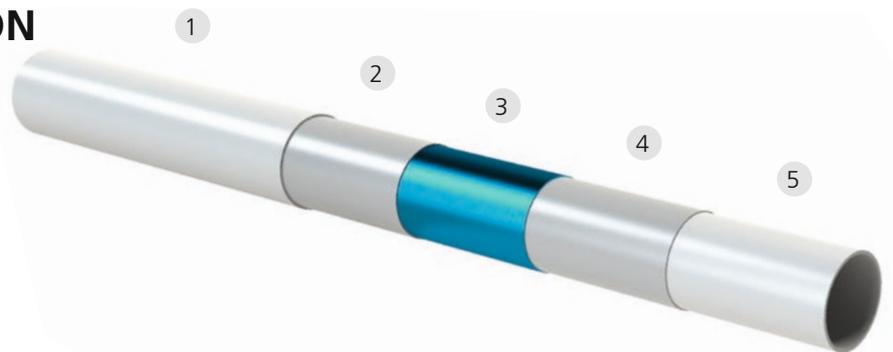
- Surface heating
- Cooling system
- Concrete core activation

ADVANTAGES

- Extremely flexible and easy to install even at low temperatures
- Corrosion and incrustation resistant
- Resistant to numerous chemicals
- Oxygen-tight (five-layer pipe) according to DIN 4726
- Excellent stress rupture resistance

LAYER COMPOSITION

- 1 Outer layer of PE-RT type I
- 2 Adhesion promoter
- 3 EVOH-Oxygen barrier layer
- 4 Adhesion promoter
- 5 Inner layer of PE-RT type I



PROPERTIES

Outer pipe diameter [mm]	8.0	10.0	12.0	14.0	16.0	17.0	18.0	20.0	25.0
Pipe wall thickness [mm]	1.0	1.3	1.4	2.0	2.0	2.0	2.0	2.0	2.3
Inner pipe diameter [mm]	6.0	7.4	9.2	10.0	12.0	13.0	14.0	16.0	20.4
Smallest bending radius [mm] without bending device	40	50	60	70	80	85	90	100	125
Smallest bending radius [mm] with bending device	16	20	24	28	32	34	36	40	50
Weight per meter [g/m]	22	35	46	75	87	94	100	112	163
Water content [Liter/m]	0.028	0.043	0.066	0.079	0.113	0.133	0.154	0.201	0.327
Maximum operating temperature, over 50 years [°C]	70	70	70	70	70	70	70	70	70
Maximum operating temperature, max. 1 year [°C]	90	90	90	90	90	90	90	90	90
Emergency operating temperature, max. 100 hrs [°C]	100	100	100	100	100	100	100	100	100
Maximum operating pressure, appl. classes 4/5 [bar]	6	6	6	8	8	6	6	6	6

Version 06.06.23 / Errors and changes reserved.

You can find further product properties on our website. Other dimensions on request.

Approvals / Certifications

Our portfolio is constantly being extended.

You can find the current status on our website or ask us.

