

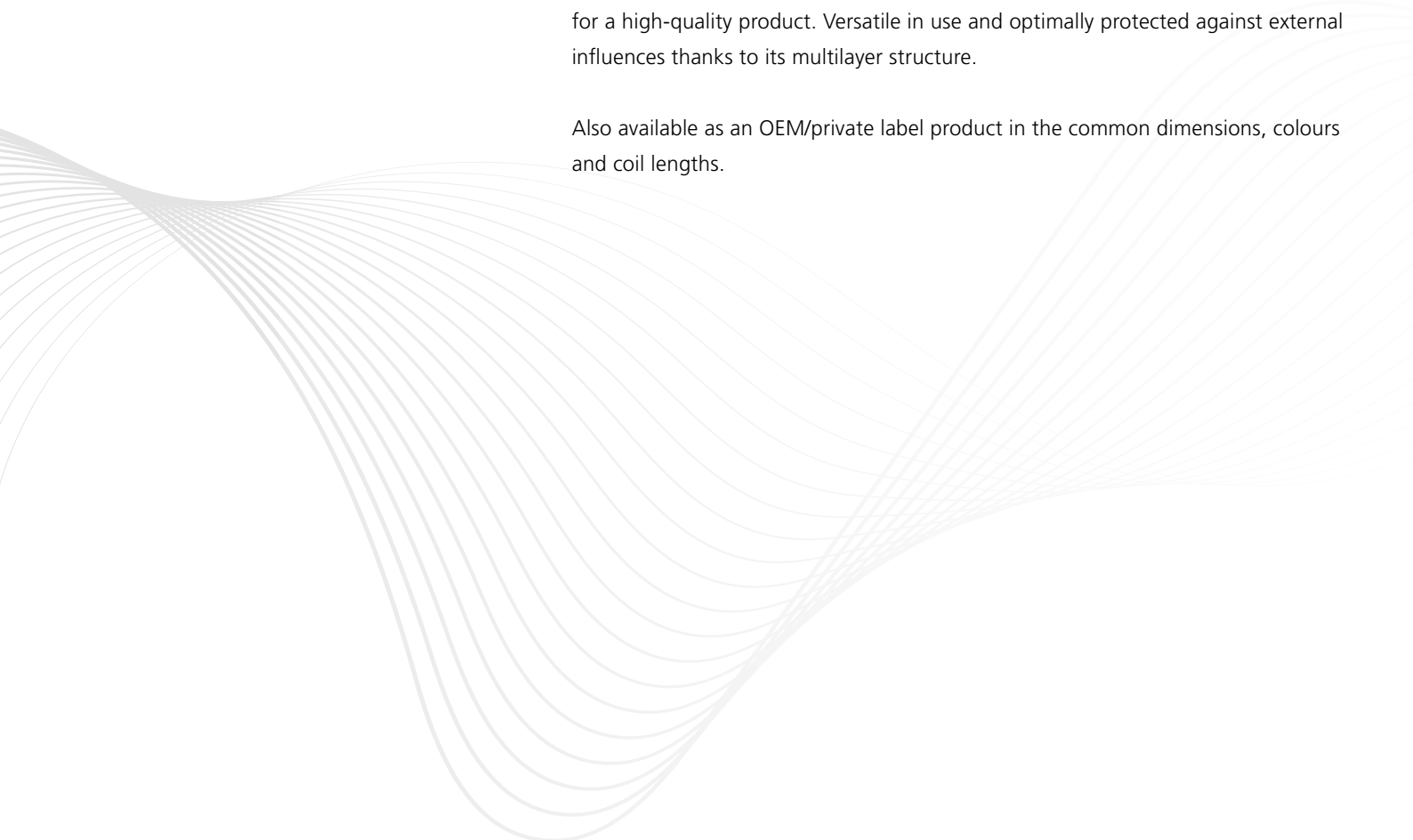


ALL-PLASTIC PIPE MPP

PE-RT

The five-layer all-plastic pipe made of PE-RT type II meets all the requirements set for a high-quality product. Versatile in use and optimally protected against external influences thanks to its multilayer structure.

Also available as an OEM/private label product in the common dimensions, colours and coil lengths.



APPLICATION AREAS

- surface heating
- cooling system
- concrete core activation
- radiator connection

ADVANTAGES

- flexible and easy to install
- 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 II
- 2 Adhesion promoter
- 3 EVOH-Oxygen barrier layer
- 4 Adhesion promoter
- 5 Inner layer of PE-RT type II



PROPERTIES

Outer pipe diameter [mm]	8.0	10.0	12.0	12.0	13.6	14.0	14.0	15.0	15.6	16.0	16.0	17.0	18.0	20.0	25.0
Pipe wall thickness [mm]	1.0	1.3	1.4	2.0	1.8	1.4	2.0	1.5	1.8	1.5	2.0	2.0	2.0	2.0	2.3
Inner pipe diameter [mm]	6.0	7.4	9.2	8.0	10.0	11.2	10.0	12.0	12.0	13.0	12.0	13.0	14.0	16.0	20.4
Smallest bending radius [mm] without bending device	40	50	60	60	68	70	70	75	78	80	80	85	90	100	125
Smallest bending radius [mm] with bending device	16	20	24	24	27.2	28	28	30	31.2	32	32	34	36	40	50
Weight per meter [g / m]	22	35	46	62	66	55	75	63	77	68	87	94	100	112	163
Water content [liter / m]	0.028	0.043	0.066	0.050	0.079	0.099	0.079	0.113	0.113	0.133	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	70	70	70	70	70	70
Maximum operating temperature, max. 1 year [°C]	90	90	90	90	90	90	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	100	100	100	100	100	100
Maximum operating pressure, appl. classes 4/5 [bar]	6	6	6	10	6	8	8	8	6	6	8	6	6	6	6

Version 22.12.22 / 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.

