

MAINPEX

- Multilayer composite pipe PE-RT / Al_u / PE-RT



What are the advantages of metal composite pipes?

MAINCOR multilayer composite pipes are aluminium composite pipes consisting of 5 layers which are longitudinally welded to overlap. Aluminium composite pipes are distinguished compared to all-plastic pipes by their increased resistance to temperature and pressure, as well as by their structural stability.

Technical properties

working temperature	70°C
max. temperature	95°C
working pressure	10 bar
standard colour inside	transparent
standard colour outside	white
other colours	on request
pipe printing	customer-specific
packing	box or foil

Application:

- drinking water installation
- radiator connection
- wall heating
- underfloor cooling
- underfloor heating

Standards:

- DIN EN ISO 21003
- DVGW W542

Approvals:

- DVGW DW8501-BS0475

diameter	outerdiameter (mm)	wall thickness (mm)	Al thickness (mm)	max. coil length (m)
16 x 2.2	16 + 0.3	2.2 + 0.3	0.2	200
20 x 2.8	20 + 0.3	2.8 + 0.3	0.25	100
25 x 3.5	25 + 0.3	3.5 + 0.3	0.35	50
32 x 4.4	32 + 0.3	4.4 + 0.3	0.4	50
40 x 4.0	40 + 0.3	4.0 + 0.3	0.6	Bar
50 x 4.5	50 + 0.3	4.5 + 0.3	0.6	Bar

