

Multilayer composite pipe

(PE-RT / Alu / PE-RT)



What are the advantages of metal composite pipes?

MAINCOR multilayer composite pipes are made of overlapped welded aluminium surrounded by PE-RT layers connected by adhesives. The inner aluminium layer of multilayer composite pipes leads to a higher temperature and pressure resistance in comparison to standard plastic pipes.

Technical properties

working temperature	70°C
max. temperature	95°C
max. operating pressure (ISO 10508) at 70 °C	10 bar
standard colour inside	transparent
standard colour outside	red
other colours	on request
pipe printing	customer-specific
packing	box or foil

diameter	outerdiameter (mm)	wall thickness (mm)	max. coil length (m)
14 x 2,0	14 + 0,3	2,0 + 0,3	500
16 x 2,0	16 + 0,3	2,0 + 0,3	500
20 x 2,25	20 + 0,3	2,25 + 0,3	250
25 x 2,5	25 + 0,3	2,5 + 0,3	100
32 x 3,0	32 + 0,3	3,2 + 0,3	50

Application:

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

Standards:

- DIN EN ISO 21003
- DVGW W542

Approvals:

- SKZ A 462
- DVGW DW8236 BU0016

