

PE-RT pipe (5-layers)



What characterises pipes made of PE-RT?

Polyethylene of raised temperature resistance: Due to the unique molecular structure a crosslinking is not necessary to achieve a long term temperature stability. Coextrusion: all layers being produced simultaneously; therefore a homogeneous and very stable material bonding is created. Due to the 5 layer technology the oxygen barrier is protected from mechanical damage.

Technical properties

working temperature	70°C
max. temperature	95°C
max. operating pressure (ISO 10508) at 70 °C	6 bar
standard colour inside	transparent
standard colour outside	white
other colours	on request
pipe printing	customer-specific
packing	carton, foil or stretch wrapped

Application:

- wall heating
- underfloor cooling
- underfloor heating
- ceiling cooling

Standards:

- ISO 22391
- DIN 16833

Approvals:

- SKZ A 522
- Komo K77483

diameter	outerdiameter (mm)	wall thickness (mm)	max. coil length (m)
12 x 2,0	12 + 0,3	2,0 + 0,3	600
14 x 2,0	14 + 0,3	2,0 + 0,3	600
16 x 2,0	16 + 0,3	2,0 + 0,3	600
17 x 2,0	17 + 0,3	2,0 + 0,3	600
18 x 2,0	18 + 0,3	2,0 + 0,3	600
20 x 2,0	20 + 0,3	2,0 + 0,3	500

