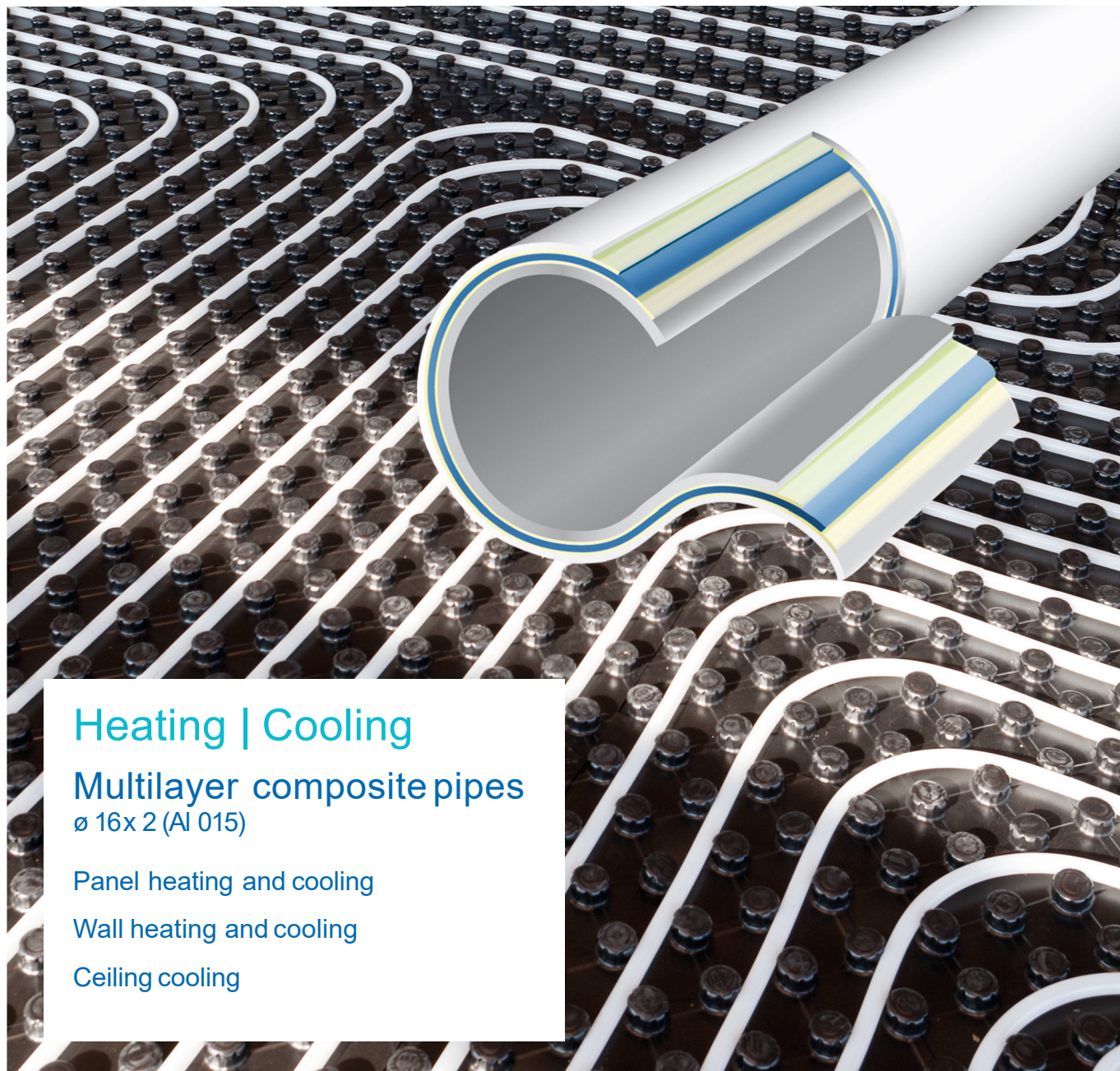




Westfälische Rohrwerke

enclosing liquids with innovation



Heating | Cooling

Multilayer composite pipes

ø 16x 2 (Al 015)

Panel heating and cooling

Wall heating and cooling

Ceiling cooling

Special features

- maximum flexibility by a reduced aluminium layer (0.15mm)
- high dimensional stability
- 100 % oxygen tight
- minimal thermal expansion
- low weight
- certified by SKZ
- approval mark no. for PE-RT/AL/PE-RT:A397
- outstanding laying properties

Technical data

Pipe dimension in mm	16 x 2
Outer diameter, nominal dimension in mm	16
Wall thickness, nominal dimension in mm	2
Aluminium thickness in mm	0.15
Nominal dimension DN	12
Pipeweight in g/m	100
Pipeweight filled with water in g/m	210
Inner volume in l/m	0.113
Thermal conductivity in W/m*K(1)	0.42
Thermal coefficient of expansion in mm/m*K	0.025
Oxygen diffusion in mg/l*d	0.000
Max. operating temperature in °C	60
Max. operating pressure at 60 °C in bar	6
Max. malfunction temperature in °C	95
Short time pressure at 60°C	10
Bending radius, manually bended (2) in mm	80
Bending radius, bended with bending tool (3) in mm	48
Fire rating class, normal flammable	B2 according to DIN 4102

(1) Mean value (2) $5 \times d_e$ (mm) (3) $4 \times d_e$ (mm). All values are to be considered as guidelines.

Customised variation options

Pipe material, standard	PE-RT/A/PE-RT
Customised options	upon request
Pipe coloring, outer layer, standard	white
Special colors	upon request
Pipe coloring, inner layer, standard	nature
Special colors	upon request
Pipe marking	in cooperation with the customer
Ring lengths	up to 500 m

Contact

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