

### / Description

Multilayer Polyethylene PERT-AL-PERT pipe, white colour; Working temperature 70°C, Working pressure 10 Bar, Max temperature 95°C.

PERT Polyethylene: Polyethylene of raised temperature resistance. Butt-welded aluminium core.

Manufactured in compliance with EN ISO 15875 standard.



### / Applications

- Floor heating systems
- Sanitary Installations
- Radiator connection

### / Products

Code	Size	Colour
88P197GH10099	16x2	White
88P197GH50099	16x2	White
88P197BQ10099	20x2	White
88P197BQ50099	20x2	White
88P197GP05099	26x3	White
88P197GQ05099	32x3	White

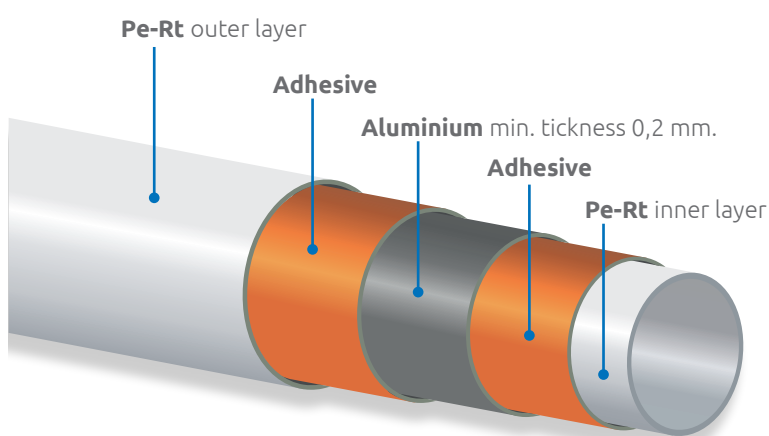
### / Technical features

Characteristics	Unit of measure	Values			
		16x2	20x2	26x3	32x3
Pipe dimension	mm.	16x2	20x2	26x3	32x3
Outer diameter	mm.	16	20	26	32
Wall thickness	mm.	2		3	
Internal diameter	mm.	12	16	20	26
Aluminium tickness	mm.	0,2		0,3	0,4
Pipe weight	g/m	105	148	240	323
Pipe weight with water	g/m	218	337	554	854
Internal volume	l/m	0,113	0,189	0,314	0,531
Heat conductivity	W/m • K	0,4			
Expansion coefficient	mm/m • K	0,025			
Surface roughness	µm	1,5			
Oxygen diffusion	mg/(m <sup>2</sup> • d)	0			
Operating temperature	°C	70			
Operating pressure	bar	10			
Max. operating temperature	°C	95			
Smallest bend radius	mm	≥ 5 • D			

### / Volume of pipes in liters per meter

Size	Volume liters/meter
16x2	0,113
20x2	0.189
26x3	0,314
32x3	0,531

### / Layers



### / Quality control

PE-RT / Al / PE-RT multilayer pipes production is subjected to continuous quality controls that allow to ensure product manufacturing in compliance with current standards.

The main controls concern the following characteristics:

- **Dimensional** (external, internal diameter, thickness): during production and on the finished product according to the EN ISO 3126 standard.

### / Warnings

*Store the pipe in its original packaging avoiding exposure to solar radiation, which could compromise the quality of the pipe. Avoid contact / impact with blunt materials that could damage the pipe, both during transport and during construction. The minimum degree of curvature during installation must not be less than 5 times the external diameter of the pipe. Do not use chemical solvents or similar when installing the pipe.*