

### / Description

PE-Xc / Al / PE-Xb multilayer pipe with butt-welded aluminum inner sheet with a minimum thickness of 0.3mm, suitable for sanitary, heating and radiant systems. Operating temperature 70 ° C / 10 bar, max 95 ° C.

In compliance with DVGW W542.



### / Applicazioni

- Floor heating systems
- Sanitary water Installations
- Radiator connection

### / Products

Code	Size
88P193GH20099	16x2
88P193GH50099	16x2
88P193BQ10099	20x2
88P193GP05099	26x3
88P193GQ05099	32x3

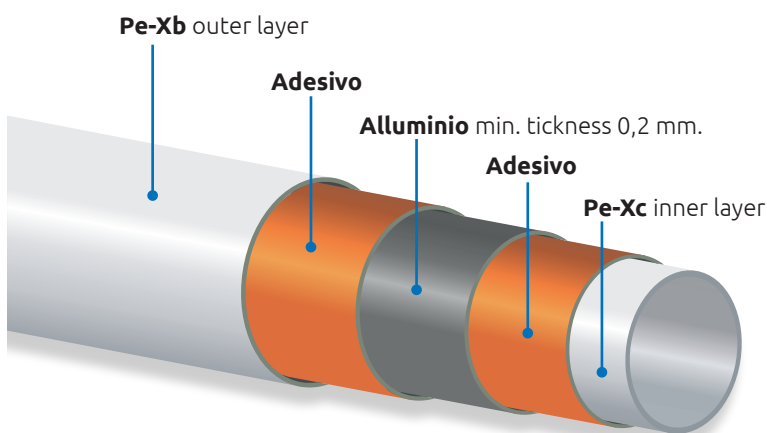
### / Technical features

Characteristics	Unit	Value			
		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.	0,3	0,4	0,6	0,8
Pipe weight	g/m	125	166	298	393
Pipe weight with water	g/m	238	358	612	924
Thermal conductivity	W/m • K	0,43			
Expansion coefficient	mm/m • K	0,024			
Internal pipe roughness	µm	1,5			
Oxygen diffusion	mg/(m <sup>2</sup> • d)	0			
Max. working temperature	°C	95			
Max. working pressure at 95°C	bar	10			
Brevi carichi di pressione a 95°C	bar	15			
Minimum bending radius	mm	≥ 5 • D			
Minimum bending radius with tool	mm	≥ 1.5 • D	≥ 3,5 • D		

### / Volume of pipes in liters per meter

Size	Volume liters/meter
16x2	0,113
20x2	0.201
26x3	0,314
32x3	0,531

### / Layers



### / Quality control

Pe-Xc / Al / Pe-Xb 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.*