




MULTILAYER PIPE

PE-Xb/Al/PE-Xb Multilayer pipe five layers made of cross-linked polyethylene with intermediate layer of aluminum laser welded. The aluminum layer increases the pressure performance of the pipe, it is a complete oxygen barrier, and it prevents the passage of the UV rays.

The pipe is suitable for use in radiant heating installations and in the distribution of water intended for human consumption. Certified ACS.

Product complies with Standard EN ISO 21003.



		
8781/1-16020	16x2	100 m
8781/2-16020	16x2	200 m
8781/4-16020	16x2	400 m
8781/1-20020	20x2	100 m
8781/0-26030	26x3	50 m
8781/0-32030	32x3	50 m

TECHNICAL FEATURES

FEATURE	U.M.	VALUE
Volumic mass (density) at 23°C	Kg/m ³	950
Roughness of the pipe	µm	1,7
Oxygen permeability at 40°C	g/m ³ x d	0,00
Field of application	°C	+0 ÷ +95
Thermal Conductivity (at 60°C)	W/m x K	0,43
Coefficient of thermal expansion	mm/m x °C	0,026
Maximum Operating Pressure	bar	10
Maximum Operating Temperature	°C	95
Maximum Peak Temperature (for 1 hour)	°C	110
Minimum bend radius allowed	mm	5Dext

ALLUMINUM TICKNESS IN THE DIFFERENT SIZES

PIPE SIZE	16x2	20x2	26x3	32x3
mm	0,20	0,24	0,30	0,50

OPERATING PRESSURE FOR APPLICATION CLASS

PIPE SIZE	Class 2	Class 4	Class 5
16x2	70°C / 10 bar	60°C / 10 bar	80°C / 10 bar
20x2	70°C / 10 bar	60°C / 10 bar	80°C / 10 bar
26x3	70°C / 10 bar	60°C / 10 bar	80°C / 10 bar
32x3	70°C / 10 bar	60°C / 10 bar	80°C / 10 bar