

## INSULATED MULTILAYER PIPE

Insulated multilayer pipe PE-Xb/Al/PE-Xb five layers made of cross-linked polyethylene with intermediate layer of aluminum laser welded. Insulation jacket in PE cross-linked closed cell expanded, with external protective film extruded in PE-LD, without CFC, Class 1. Insulation thickness 6 mm for 16-20-26 diameters, 10 mm for 32 mm diameter. The pipe is suitable for use in heating installations and in the distribution of water intended for human consumption. Certified ACS.



### Art. 8783B with blue insulation

Barcode	Dimensions	Length
8783B-16020	16x2	50 m
8783B-20020	20x2	50 m
8783B-26030	26x3	50 m
8783B-32030	32x3	25 m

### Art. 8783R with red insulation

Barcode	Dimensions	Length
8783R-16020	16x2	50 m
8783R-20020	20x2	50 m
8783R-26030	26x3	50 m
8783R-32030	32x3	25 m

## TECHNICAL FEATURES

FEATURE	U.M.	VALUE
Volumic mass (density) at 23°C	Kg/m <sup>3</sup>	950
Roughness of the pipe	µm	1,7
Oxygen permeability at 40°C	g/m <sup>3</sup> 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