

ATLAS is a composite copper tube, with reduced thickness, and polyethylene and is compatible with the fittings on the market.

It is used in the plumbing, transport of cold potable water and for the heating and cooling radiant systems.

Also ideal for the construction of heat storage and geothermal heating systems.

The copper tube, with reduced thickness, is joined indissolubly to the polyethylene that protects the outer surface.

Copper, the core of this product, is in contact with the circulating fluid and are therefore guaranteed the benefits of this unique metal: antibacterial, performance and hygiene.

Conforms to the **DPR 1095/68** and according to the **Decree of the Ministry of Health no. 174 of 06.04.2004** with reference to the **European Directive n. 98/83/EC** as regards the transport of drinking water



CHARACTERISTICS OF THE ATLAS TUBE

Alloy of internal material in contact with fluids	Cu-DHP CW024A (Cu = 99,90% min. – P = 0,015 ÷ 0,040%)
Coating	Polyethylene
Internal cleanliness	C max. 0,20 mg/dm ² (rif. EN 1057)
Dimensions and tolerances	according to UNI 11342 standard
Internal surface roughness	RA 1/10 di micron
Linear thermal expansion coefficient	0,00168 mm/m °C
Thermal conductivity at 20 °C	0,36 W m/k

TABLE OF DIMENSIONS OF THE SILMET ATLAS TUBE

dimensions Ø x thickness mm	copper thickness mm	operating pressure bar	coil length m	water content per meter l/m
14 X 2	0,30	33	100	0,0785
16 X 2	0,35	32	100	0,1131
20 X 2	0,50	34	50	0,2011