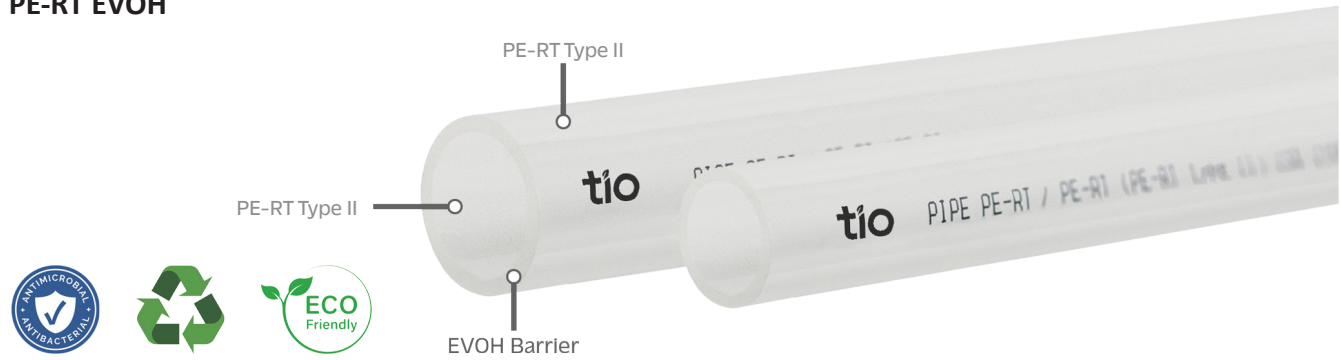


PE-RT EVOH



Tio PE-RT EVOH pipe can be easily bent and curved in cold without special tooling, saving unions and installation time. Layers are very resistant to calcium, dirt and substances derived from galvanic corrosion.

It weighs 7 times less than copper and 13 times less than iron on equivalent diameters. It does not modify the organoleptic characteristics of water and the corrosion absence avoid proliferation of bacteria. Providing energy savings by reducing heat loss. Much lower roughness than metallic pipes reducing energetic consumption and allowing a higher flow with the same internal pipe diameter. Recovering the original shape when hot air is applied allowing it to be repaired.

All embedded pipework should be tested in accordance with BSEN 1264-4 prior to the installation of screeds and/or overlay floorings materials.

Life expectancy of 100 years when used in Underfloor applications designed and installed to BS1264.

Applications:

- Heating and Underfloor
- Industrial Facilities
- Surface Heating/Cooling
- Cooling Systems
- Snow and Ice Removal Systems
- Hot and Cold Water Distribution

Manufactured to EN ISO 22391

Physical Properties

Material	Polyethylene with high temperature resistance
Density	> 0.941 g/m ³
Working temperature range	From -20°C to 70°C
Maximum temperature	110°C
Thermal conductivity (60°C)	0.4 W/m-K
Thermal expansion rate:	1.8.10-4/K
Oxidation Induction Time (OIT)	>40 minutes

Dimension	Outside Diameter (mm)		Thickness (mm)		Maximum Pressure 20°C (bar)	Maximum Pressure 50°C (bar)	Maximum Pressure 60°C (bar)
	Min	Max	Min	Max			
16 x 2.0	16	16.3	2	2.3	16.6	11.98	10.19

Product Code	Product Description	Dimensions
TIOPER0001	3 layer PE-RT pipe	16 x 2mm - 100m coil
TIOPER0002	3 layer PE-RT pipe	16 x 2mm - 240m coil
TIOPER0003	3 layer PE-RT pipe	16 x 2mm - 500m coil
TIOPER0004	3 layer PE-RT pipe	12 x 2mm - 80m coil
TIOPER0005	3 layer PE-RT pipe	12 x 2mm - 240m coil
TIOPER0006	3 layer PE-RT pipe	20 x 2mm - 400m coil
TIOPER0007	3 layer PE-RT pipe	10 x 1.25mm - 80m coil
TIOPER0008	3 layer PE-RT pipe	10 x 1.25mm - 240m coil