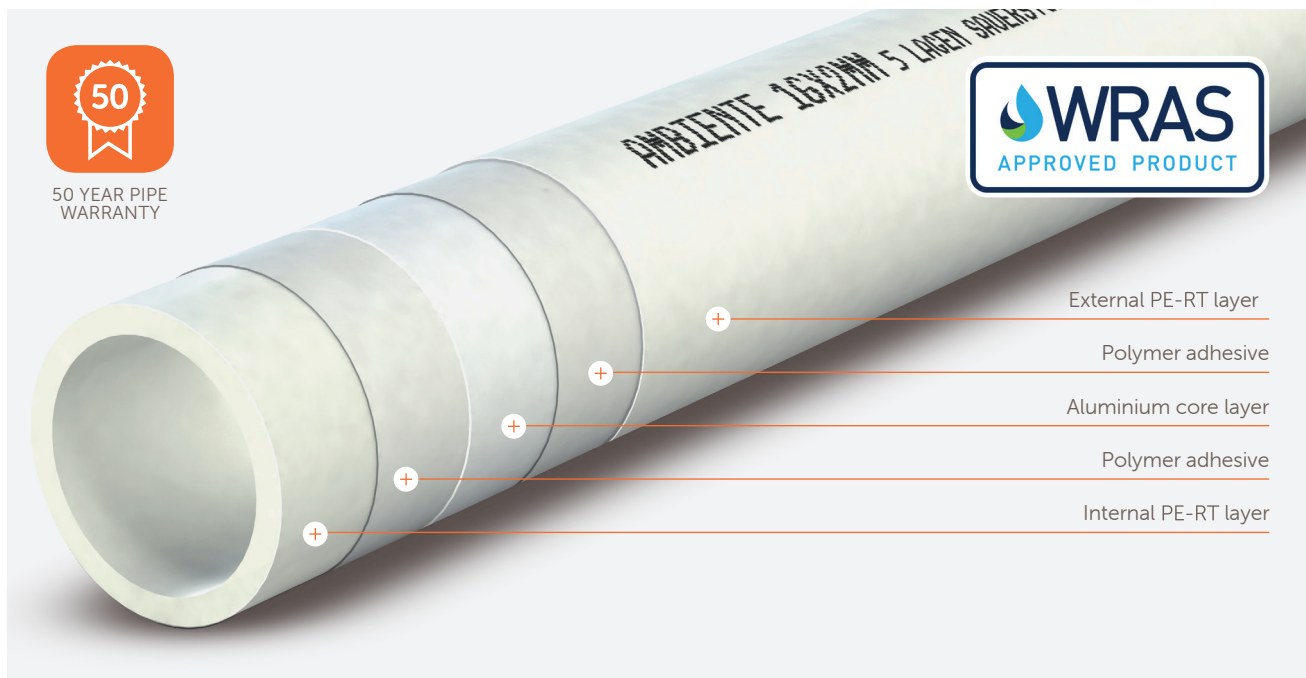


# MULTILAYER PIPE 16 X 2MM PE-RT/AL/PE-RT

**ambiente®**

more than underfloor



## PRODUCT OVERVIEW

### Multi-layer PE-RT/AL/PE-RT Pipe

This high specification 16mm pipe is made from a combination of polyethylene and aluminium alloy to provide an excellent combination of flexibility and strength and is made from the following layers:

#### PE-RT external layer

Polyethylene has excellent properties at high pressures and temperatures as well as being very flexible and easy to use. It is non-corrosive and has very good resistance to frost. It is also creep-resistant and has a high impact strength.

#### Aluminium

Aluminium alloy layer renders the pipe easily mouldable and acts as a barrier to prevent the ingress of oxygen. PE-RT layers are bound to the inner aluminium alloy by means of two layers of highly specialised adhesive.

#### WRAS approved

This pipework is WRAS approved, meaning that off-cuts from underfloor heating work can be used in general plumbing applications.

### Technical Specification

Pipe type	Multilayer PE-RT/AL/PE-RT
Reference standards	UNI EN ISO 21003
Aluminium thickness (mm)	From 0.2 to 0.45
Max operating temperature	95°C
Max pressure at 95°C	10 bar
Duration at 95°C and 10 bar	50 years
Thermal conductivity at 20°C	0.43 W/mK
Thermal expansion co-efficient	0.026 mm/mK
Inner roughness	0.007mm
Oxygen diffusion	0.00 mg/l
Field of operation	0 - 95°C
Radius of curvature	5 times the diameter
Colour	White
Coil sizes	100m, 200m, 500m

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