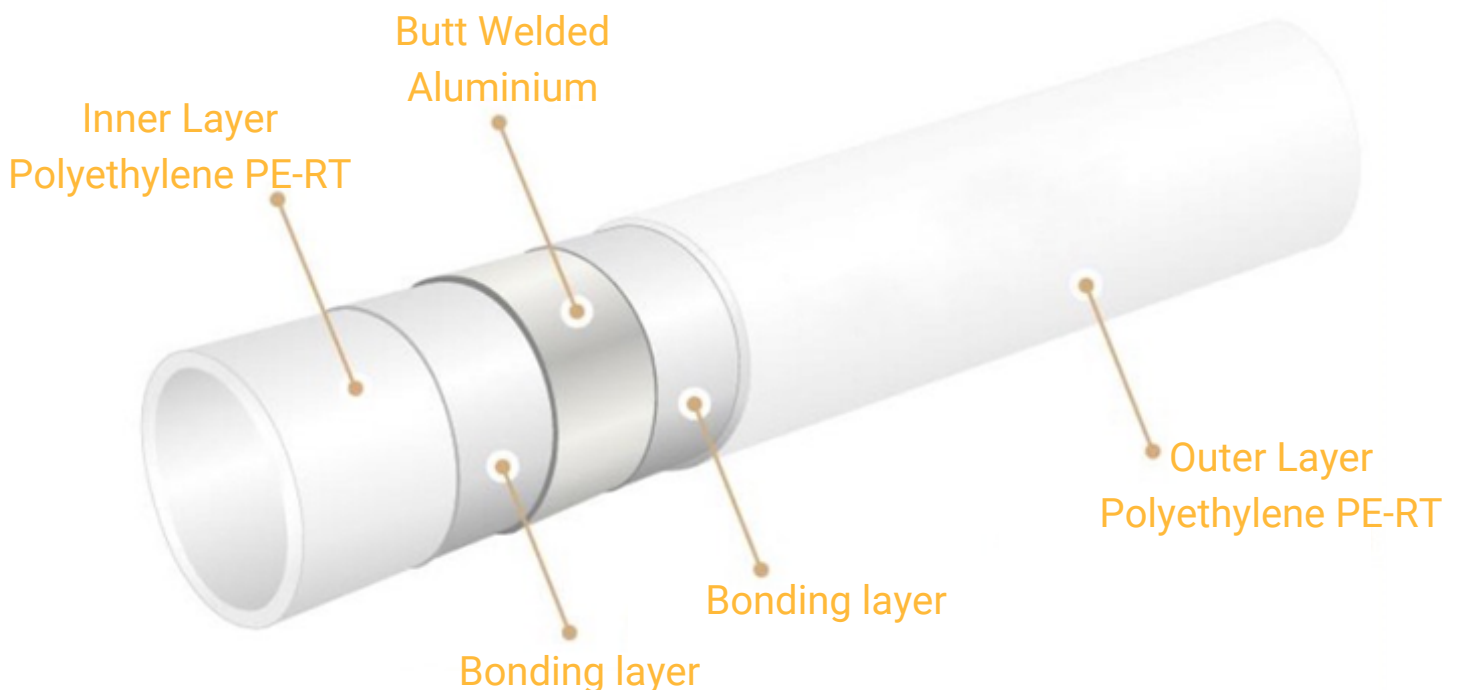
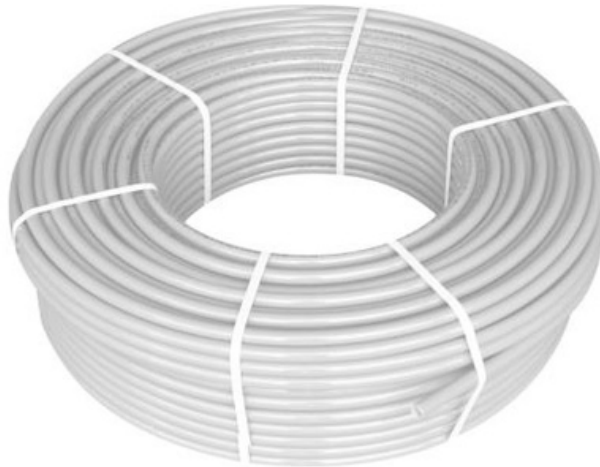


PERT/Al/PERT Underfloor Heating Pipe

Description

PERT/Al/PERT Underfloor Heating Pipe is a multilayer pipe intended for indoor heating, cooling, radiant heating and cooling as well as potable water systems. The pipe is composed of an internal layer made of raised temperature resistant polyethylene, aluminium butt-welded layer, and external raised temperature resistant polyethylene. The aluminium layer serves as an oxygen barrier, decreases thermal expansion and as a reinforcing element. The pipe is made according to PN-EN ISO 21003-2:2009.





Technical data

Pipe materials

PE-RT, aluminium

Max. operating pressure

10 bar

Operating temperature

80 °C

Maximal temperature

90 °C

Malfunction temperature

100 °C

Pipe thermal expansion coefficient

0,023 – 0,025 mm/m x K

Pipe thermal conductivity

0,43 W/m x K

Pipe roughness

0,007 mm

Colour

white