

# Pipe PE-RT

Five layer EVOH pipe

5 layer PE-RT underfloor heating pipe with an inner layer and an EVOH outer layer. This pipe is ideal for both screeded and overlay underfloor heating systems. It is corrosion free, chemical resistant and impermeable to oxygen. It conforms with DIN 4726 and ISO 22391.

## Features:

- High Quality 5 layer construction
- Oxygen layer to protect system from corrosion
- Lightweight and highly flexible
- 16mm Outer Diameter
- Suitable for all Underfloor Heating Project
- Life time warranty



## Technical Specification

### Application Class Pressure Temperature

8 bar /60°C 8 bar /80°C

8 bar / 70°C 6 bar/ 95°C

Construction - 5 layer

### Mechanical properties

Pipe roughness 0.007mm

Bending radius 5 x D = 80mm

Water capacity 16mm - 0.12 l/m

### Thermal Properties

Thermal conductivity - 0.35 W/m°C

Thermal expansion coefficient -  $1.8 \times 10^{-4}$  m/m°C