

# Product datasheet

## AluPlas®-16

**Continal®**  
UNDERFLOOR HEATING

AluPlas®-16 is a premium multilayer composite pipe with an aluminium layer. This provides excellent strength, a 100% oxygen barrier, and it holds its shape when bent.



### Technical:

- Material: PE-RT / AL / PE-RT
- Diameter: 16mm x 2mm
- Internal diameter: 11.95mm ± 0.1mm
- Minimum bend radius: 80mm
- Weight: 0.102kg/m
- Water volume: 0.113L/min

### Thermal properties:

- Conductivity: 0.42W/mK
- Coefficient of expansion: 0.025mm/mK

### Operating pressure and temperature:

- Normal operating temperature to: 60°C
- Normal operating pressure to: 6 bar
- Minimum failure temperature: 95°C
- Minimum failure pressure: 10 bar

### Accreditations:

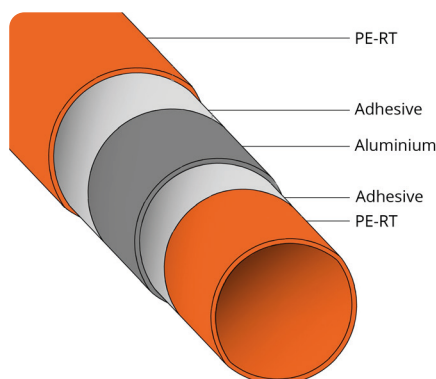
- SKZ HR 3.12 / A 397
- ISO 21003

### Features:

- Holds its shape when bent for simple installation
- 5-layer 100% oxygen barrier
- Coil lengths: 100m, 150m, 200m
- Suitable for all 16mm fitting systems
- 50 year design life
- Marked every metre

### Coil dimensions:

Coil (m)	Outer (mm)	Inner (mm)	Weight (kg)
100	700	150	10.2
150	720	200	15.8
200	740	220	20.9



### About us

No ifs, no buts. The award-winning Continal® service means you get an underfloor heating system delivered to you on time, on site, every time, no compromise.