

Amber EVOH PERT Pipe

Amber 3 layer PERT Pipe 16mm x 2mm.

PE-RT pipe consists of 3 layers which is made up of an Evoh Oxygen Barrier (EVOH), an adhesive agent, and an inner layer of Polyethylene of Raise Temperature (PERT) .

The oxygen diffusion barrier encases the inner layer of PE-RT pipe completely to prevent the entry of oxygen into the heating system through the pipe. The tough outer layer is designed to withstand the demands of a worksite ensuring the oxygen barrier remains intact, reducing the risk of corrosion within the heating system.



Advantages:

- Corrosion free
- Chemical-resistant
- Low weight
- Flexible an move-friendly
- High throughput thanks to smooth inner layer
- Good impact resistance
- Impermeable to Oxyggen according to DIN 4726 (heating pipes)

Areas of Application:

- Underfloor Heating
- Industrial pipeline construction
- Radiator connection low temperature
- Geothermal installations

Specification	
Material	PE-RT / Adhesive Agent / EVOH Oxygen Barrier
Diameter	16mm x 2mm
Maximum Operating Temperature	95° at 8 bar
Maximum Operating pressure	8 bar
Coil size	200m / 400m
Bending radius	5 x D = 80mm
Thermal conductivity	0.35 W/m°C
Thermal expansion coefficient	1.8x10 ⁻⁴ m/m°C
Water capacity	16mm - 0.12L/min
Accreditations	ISO 22391 Application class 4/5 DIN 4726
Quality Assurance	ISO9001 : 2015