

SharkBite PERT EVOH - Oxygen Barrier - 5 layer

The **PERT** pipe is made of Polyethylene of Raised Temperature Resistance by in 5 composite layers. Oxygen is prevented by the Oxygen diffusion barrier layer (EVOH - Ethylvinyl Alcohol)

MATERIAL SPECIFICATION

PERT Type II (2 layers)
Adhesive layer (2 layers)
Oxygen barrier layer EVOH (1 layer)

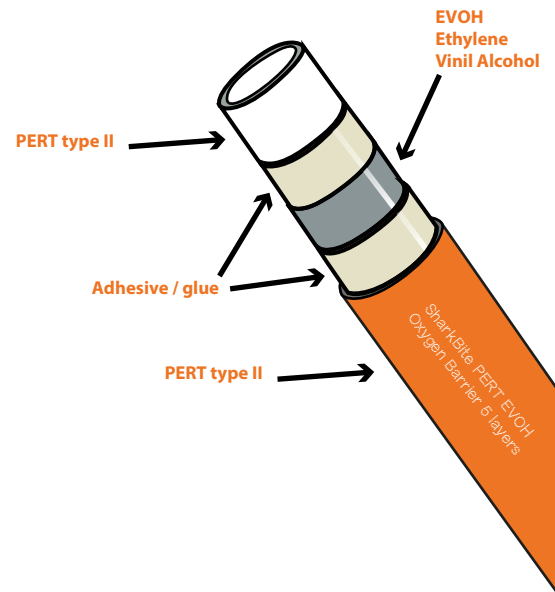
BRAND

SharkBite PERT EVOH
John Guest PERT EVOH
OEM brand

COLOR



Inner layer, natural color - External layer, orange color



Underfloor
Heating

ADVANTAGES

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

RANGE OF AVAILABLE PRODUCTS

∅ 10 x 1,3 - ∅ 16 x 1,8 - ∅ 16 x 2,0 - ∅ 17 x 2 - ∅ 18 x 2 - ∅ 20 x 2
Coils Lengths: 100m, 120m, 240m, 480m, 500m & 600m
Labelling: Standard SharkBite PERT EVOH or OEM design
Packing: cardboard boxes

PIPE CHARACTERISTICS

Diameter	Wall Thickness	Weight	Water content
∅ 10	1.30 mm	0.039 kg/m	0.043 l/m
∅ 16	1.80 mm	0.086 kg/m	0.117 l/m
∅ 16	2.00 mm	0.090 kg/m	0.113 l/m
∅ 17	2.00 mm	0.100 kg/m	0.133 l/m
∅ 18	2.00 mm	0.104 kg/m	0.154 l/m
∅ 20	2.00 mm	0.120 kg/m	0.201 l/m

STANDARD

Monitorign by AENOR & KIWA
ISO 22391
DIN 4726

PIPE CHARACTERISTICS

- Oxygen diffusion < 0.1 mg/l d
- Maximum Temperature 70° C
- Maximum Pressure 4 bar
- Heat conductivity 0.400 W/mK
- Heat expansion coefficient 0.020 mm/mK
- Surface roughness 0.007 mm
- Bending Radius 5 dn at 23° C

AREAS of APPLICATIONS

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