

## SharkBite PERT EVOH - Oxygen Barrier - 3 layer

The **PERT** pipe is made of Polyethylene of Raised Temperature Resistance by in 3 composite layers. Oxygen is prevented by the Oxygen diffusion barrier layer ( EVOH - Ethylvinyl Alcohol )

### MATERIAL SPECIFICATION

PERT Type II  
Adhesive layer  
Oxygen barrier layer EVOH

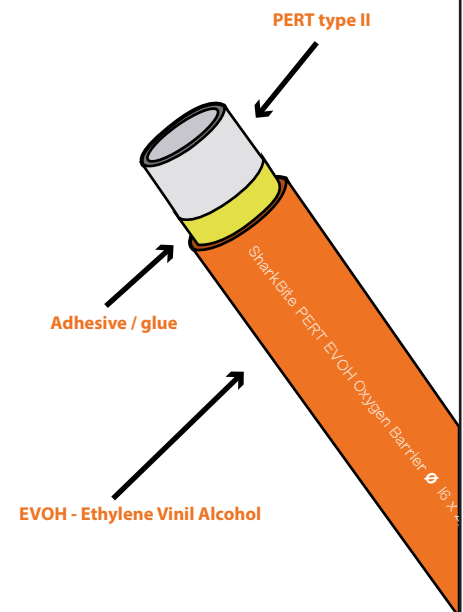
### BRAND

SharkBite 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

Ø 10 x 1,3 - Ø 16 x 1,8 - Ø 16 x 2,0 - Ø 17 x 2 - Ø 18 x 2 - Ø 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 |
|----------|----------------|------------|---------------|
| Ø 10     | 1.30 mm        | 0.039 kg/m | 0.043 l/m     |
| Ø 16     | 1.80 mm        | 0.086 kg/m | 0.117 l/m     |
| Ø 16     | 2.00 mm        | 0.090 kg/m | 0.113 l/m     |
| Ø 17     | 2.00 mm        | 0.100 kg/m | 0.133 l/m     |
| Ø 18     | 2.00 mm        | 0.104 kg/m | 0.154 l/m     |
| Ø 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