

## SharkBite PEXa EVOH - Oxygen Barrier - 5 layer

The **PEXa** pipe is made of Cross-linked Polyethylene by Peroxide. During pipe productions, the intermolecular structure is changed. This proces provides a higher level of mechanical and thermal resistance. Oxygen is prevented by the Oxygen diffusion barrier layer ( EVOH - Ethylene Vinyl Alcohol ) by in 5 composite layers.

### MATERIAL SPECIFICATION

PEXa peroxide system  
Adhesive layer  
Oxygen barrier layer EVOH

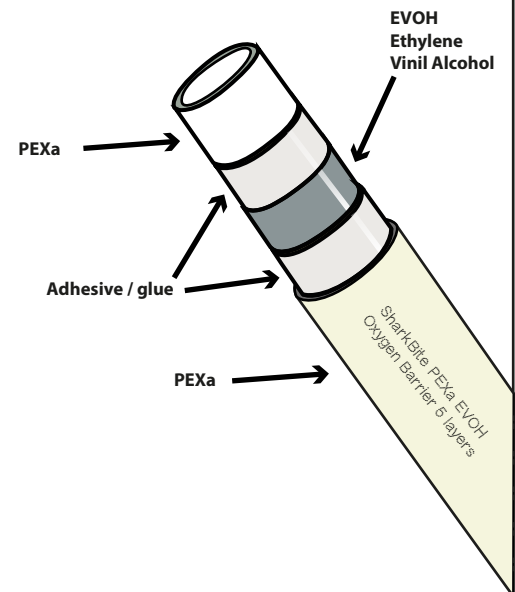
### BRAND

SharkBite PEXa EVOH  
John Guest PEXa EVOH  
OEM brand

### COLOR



Inner layer, natural color - External layer, beige color



### ADVANTAGES

- Suitable for drinking water
- Flexibly and easy to lay
- Corrosion free
- Chemical-resistant
- Low weight
- Low condensation
- Deposit-free
- High throughput thanks to smooth inner layer
- Good impact resistance
- Impermeable to oxygen according to DIN 4726 ( heating pipes )

### RANGE OF AVAILABLE PRODUCTS

Ø 16 x 1,8 - Ø 16 x 2,0 - Ø 17 x 2 - Ø 18 x 2 - Ø 20 x 2 - Ø 25 x 2,3 - Ø 32 x 2,9  
Labelling: Standard SharkBite PEXa EVOH or OEM design  
Packing: cardboard boxes

### PIPE CHARACTERISTICS

Diameter	Wall Thickness	Weigh	Water content
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
Ø 25	2.30 mm	0.177 kg/m	0.315 l/m
Ø 32	2.90 mm	0.274 kg/m	0.531 l/m

### STANDARD

Monitorign by AENOR, WATERMARK, NSF & KIWA  
ISO 15875  
AS 2492  
ASTM F/876  
DIN 4726

### PIPE CHARACTERISTICS

- Oxygen diffusion < 0.1 mg/l d
- Maximum Temperature 95° C
- Minimum Temperature -40° C
- Maximum Pressure 8 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

- Plumbing system
- Sanitary engineering
- Underfloor Heating
- Industrial pipeline construction
- Radiator connection high temperature
- Geothermal installations