

## SharkBite PEXa EVOH - Oxygen Barrier - 3 layer serie 3.2 SILVER COLOR

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 )

### MATERIAL SPECIFICATION

PEXa peroxide system  
Adhesive layer  
Oxygen barrier layer EVOH

### BRAND

SharkBite PEXa EVOH  
OEM brand

### COLOR



Inner layer, natural color - External layer, Silver color ( RAL 9006 )



### 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 )

### STANDARD

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

### RANGE OF AVAILABLE PRODUCTS

ø 16 x 2.2	( 100 - 200 - 240 - 500 m/length & straigth 4 m length )
ø 20 x 2.8	( 100 - 200 m/length & straigth 4 m length )
ø 25 x 3.5	( 100 - 50 m/length & straigth 4 m length )
ø 32 x 4.4	( 50 m/length & straigth 4 m length )

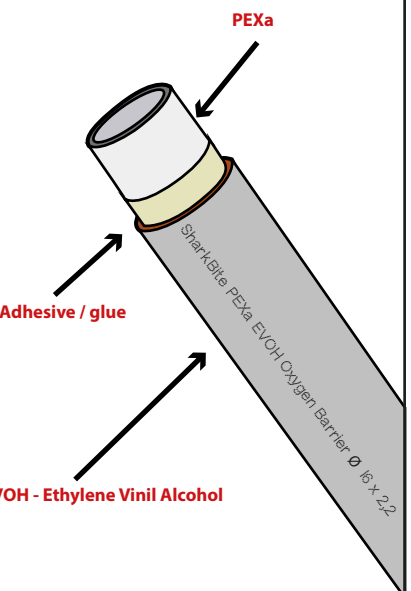
Packing: black film retractil + Standard SharkBite PEXa EVOH label

### PIPE CHARACTERISTICS

Diameter	Wall Thickness	Weigh	Water content
Ø 16	2.20 mm	0.098 kg/m	0.106 l/m
Ø 20	2.80 mm	0.153 kg/m	0.163 l/m
Ø 25	3.50 mm	0.234 kg/m	0.254 l/m
Ø 32	4.40 mm	0.376 kg/m	0.423 l/m

### PIPE CHARACTERISTICS

- Oxygen diffusion < 0.1 mg/l d
- Maximum Temperature 95° C
- Minimum Temperature -40° C
- Maximum Pressure 10 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
- Building class material B2



### AREAS of APPLICATIONS

- Plumbing system
- Sanitary engineering
- Drinking Water
- Industrial pipeline construction
- Radiator connection high temperature
- Geothermal installations