

SharkBite PEXa EVOH - Oxygen Barrier - 3 layer serie 3.2 SILVER COLOR - PIPE in PIPE (in conduit)

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 (PEXa pipe)



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



Conduit: Black - Red or Blue colors



Drinking Water Supply



Heating by Radiators



Sanitary Hot Water



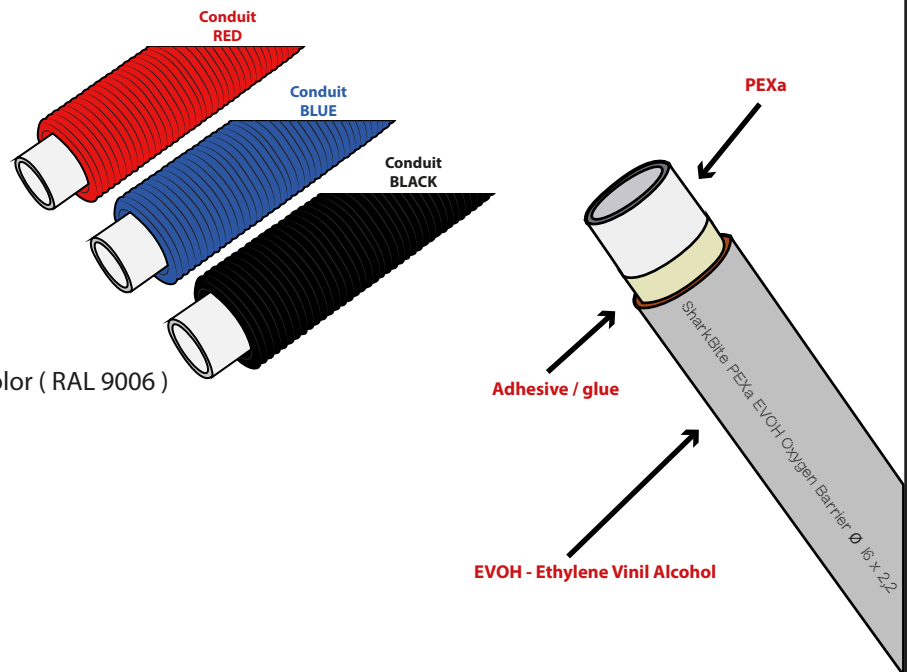
Cold Water Supply

ADVANTAGES

- Suitable for drinking water
- Flexibly and easy to lay
- Corrosion free
- Chemical-resistant
- Low weigth
- 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	(50 m/length)
ø 20 x 2.8	(50 m/length)
ø 25 x 3.5	(50 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

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