

SharkBite PEXa - monolayer pipe 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.

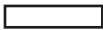
MATERIAL SPECIFICATION

PEXa peroxide system

BRAND

SharkBite PEXa
John Guest PEXa

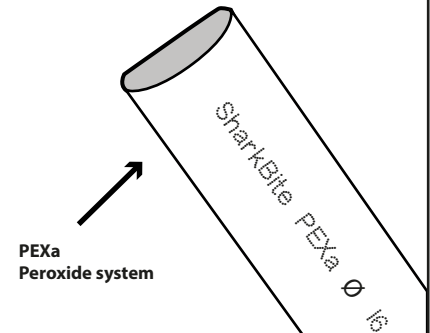
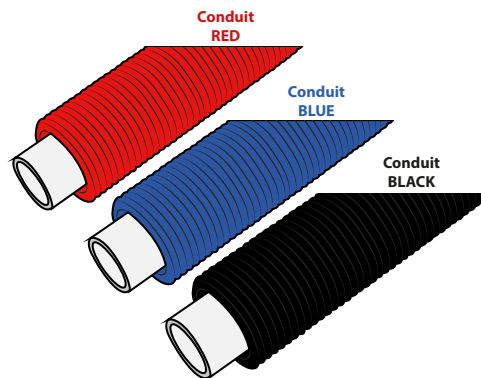
COLOR



Natural color



Conduit: Black - Red or Blue colors



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

RANGE OF AVAILABLE PRODUCTS

ø 16 x 1,5	(50 m/length)
ø 16 x 1.8	(50 m/length)
ø 16 x 2.2	(50 m/length)
ø 20 x 1.9	(50 m/length)
ø 20 x 2.8	(50 m/length)
ø 25 x 2.3	(50 m/length)
ø 25 x 3.5	(50 m/length)
ø 32 x 2.9	(50 m/length)
ø 32 x 4.4	(50 m/length)

PIPE CHARACTERISTICS

Diameter	Wall Thickness	Weigh	Water content
Ø 16	1.50 mm	0.071 kg/m	0.128 l/m
Ø 16	1.80 mm	0.086 kg/m	0.117 l/m
Ø 16	2.20 mm	0.098 kg/m	0.106 l/m
Ø 20	1.90 mm	0.120 kg/m	0.201 l/m
Ø 20	2.80 mm	0.153 kg/m	0.163 l/m
Ø 25	2.30 mm	0.177 kg/m	0.315 l/m
Ø 25	3.50 mm	0.234 kg/m	0.254 l/m
Ø 32	2.90 mm	0.274 kg/m	0.531 l/m
Ø 32	4.40 mm	0.376 kg/m	0.423 l/m

STANDARD

Monitorign by AENOR & WATERMARK
ISO 15875:2
AS 2492

PIPE CHARACTERISTICS

- Maximum Temperature 95° C
- Minimum Temperature -40° C
- Maximum Pressure 10 bar (Serie 3.2)
- 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 low temperature
- Geothermal installations