

## SharkBite PEXa - BLUE color with declared opacity

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. The opacity is achieved by the **white** layer in middle, and the **blue color** through the outer layer

### MATERIAL SPECIFICATION

PEXa peroxide system HE1878E  
PE100 with white color MB - HE6063  
PE100 with blue color MB - HE6063

### BRAND

SharkBite PEXa  
John Guest PEXa

### COLOR



Inner layer, natural color - Middle layer, white color - Outer layer, blue color



Drinking Water Supply



Sanitary Hot Water



Cold Water Supply

### 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
- Opacity

### RANGE OF AVAILABLE PRODUCTS

ø 16 x 1,5 - ø 20 x 1.9 - ø 25 x 2.3 - ø 32 x 2.9  
Labelling: Standard SharkBite PEXa or John Guest PEXa  
Packing: cardboard boxes

### PIPE CHARACTERISTICS

Diameter	Wall Thickness	Weight	Water content
Ø 16	1.50 mm	0.071 kg/m	0.128 l/m
Ø 20	1.90 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

ISO 15875:2

### PIPE CHARACTERISTICS

- Maximum Temperature 95° C
- Minimum Temperature -20° C
- Maximum Pressure 6 bar ( Class 1-2 & 6 )
- Maximum Pressure 8 bar ( Class 4 )
- 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
- Industrial pipeline construction
- Geothermal installations

