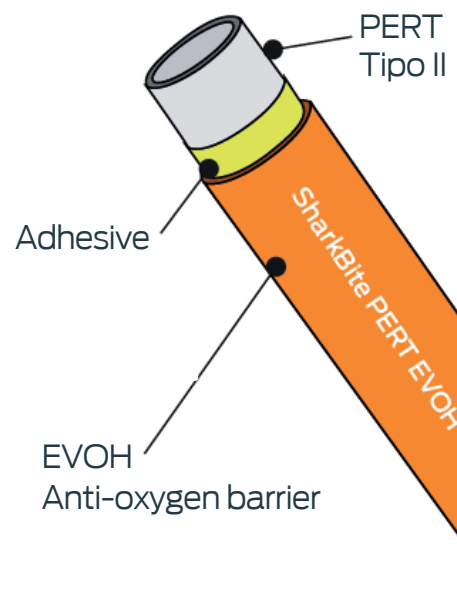


SharkBite® PERT EVOH

The PERT Type II pipe is made of temperature resistant polyethylene in 3 layers, manufactured in accordance with the UNE EN ISO 22391 standard.

The final layer EVOH (Ethylvinyl Alcohol) prevents oxygen from penetrating inside the pipe, preventing the water from transporting oxygen to the installation, avoiding the oxidation and corrosion of the metallic elements.

PERT Type II: The polymer resin used for the manufacture is composed of a copolymer of ethylene and octene of the latest generation that provides the pipe with an increase in its long-term hydrostatic resistance.



Benefits & Advantages

- Corrosion free.
- Resistant to chemicals.
- Low weight.
- No deposits.
- Flexible and easy to move.
- High performance due to smooth inner layer.
- Good impact resistance.
- High oxygen impermeability.



001/6835
ISO22391

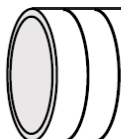
PERT EVOH

Reference	Seccion	Colour	Lenght (m)	Aplicacions
S81615PEVN120	16x1.5	Orange	120	<ul style="list-style-type: none"> • Calefacción por suelo radiante. • Conexión de radiadores baja temperatura. • Instalaciones geotérmicas
S81615PEVN200	16x1.5	Orange	200	
S81615PEVN240	16x1.5	Orange	240	
S81615PEVN500	16x1.5	Orange	500	
S81618PEVN120	16x1.8	Orange	120	
S81618PEVN200	16x1.8	Orange	200	
S81618PEVN240	16x1.8	Orange	240	
S81618PEVN500	16x1.8	Orange	500	
S816PEVN120	16x2.0	Orange	120	
S816PEVN200	16x2.0	Orange	200	
S816PEVN240	16x2.0	Orange	240	
S816PEVN500	16x2.0	Orange	500	
S817PEVN120	17x2.0	Orange	120	
S817PEVN200	17x2.0	Orange	200	
S817PEVN240	17x2.0	Orange	240	
S817PEVN500	17x2.0	Orange	500	
S82019PEVN120	20x1.9	Orange	120	
S82019PEVN200	20x1.9	Naranja	200	
S82019PEVN480	20x1.9	Naranja	480	
S820PEVN120	20x2.0	Naranja	120	
S820PEVN200	20x2.0	Naranja	200	
S820PEVN480	20x2.0	Naranja	480	

Compatibility	NEXUS	PRESS	SPEEDFIT
Ø 16x1.5	X	✓	✓
Ø 16x1.8	X	✓	✓
Ø 16x2.0	X	✓	X
Ø 17x2.0	X	X	X
Ø 20x1.9	X	✓	✓
Ø 20x2.0	X	✓	✓

Parameters	16x1.5	16x1.8	16x2.0	17x2.0	20x1.9	20x2.0
External diameter (mm)	16	16	16	17	20	20
Pipe thickness (mm)	1.5	1.8	2.0	2.0	1.9	2.0
Internal diameter (mm)	13.0	12.4	12.0	13.0	16.2	16.0
Outer diameter tolerance (mm)	+ 0.3	+ 0.3	+ 0.3	+ 0.3	+ 0.3	+ 0.3
Linear expansion (mm/m.K)	0.020	0.020	0.020	0.020	0.020	0.020
Thermal conductivity (W/m.K)	0.400	0.400	0.400	0.400	0.400	0.400
Roughness (mm)	0.007	0.007	0.007	0.007	0.007	0.007
Maximum temperature (°C)	70	70	70	70	70	70
Maximum pressure 70°C (Bar)	4	4	4	4	4	4
Oxygen diffusion (mL/l.d)	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Weight of 1 m pipe (kg/m)	0.071	0.086	0.090	0.100	0.126	0.120
Internal volume 1 m pipe (l/m)	0.128	0.117	0.113	0.133	0.201	0.201
Mín. radio curvado en frío 23°C (mm)	80	80	80	85	100	100

Pipeline Marking



SharkBite PERT EVOH - Ø 16 x 1,8 - PERT Tipo II - A Oxygen Barrier - Class 1-2-4/10 bar - 5/8 bar - UNE EN ISO 22391 - Made in Spain - Linea X - Lo XXXXddmmaa / hh:mm - T/OP - XXX m