

BetaPEX

BetaPEX



1 PE-Xb

EVOH BetaPEX



1 PE-Xb

2 Adhesive

3 Anti-oxygen barrier (EVOH)

Description

Produced in conformance with EN ISO 15875, BetaPEX is the pipe solution for your installations in PEX system.

These pipes are available in rolls, pre-insulated and protected in a corrugated conduit.

Product features

- Available in sizes 12 to 32mm.
- Made of PEX – the cross-linking of polyethylene ensures resistance to high temperatures and pressures.
- Available with anti-oxygen barrier (EVOH) ensuring a long life service for heating installations.

Benefits

- Corrosion resistant
- Flexible and light to handle
- Smooth surface ensuring low pressure loss
- Less waste due to a wide range of packaging options
- Noise-reducing
- Impermeable to oxygen (EVOH BetaPEX only)

Applications

BetaPEX applications

BetaPEX is suitable for all heating and plumbing applications. The pipes can be used in new installations as well as for renovations. They can be concealed or exposed.

EN ISO 15875 classification	Service conditions		Peak conditions		Max temperature (malfunction)	
Hot water supply (Class 2)	70°C	49 years	80°C	1 year	95°C	100 hours
Underfloor heating and low temperature radiator (Class 4)(a)	20°C	20 years	70°C Plus cumulative	2,5 years	100°C	100 hours
	40°C	Plus cumulative 25 years				
	60°C	25 years				
High temperature radiator (Class 5)(a)	20°C	14 years	90°C Plus cumulative	1 year	100°C	100 hours
	60°C	Plus cumulative 25 years				
	80°C	10 years				

Installation

Pipe dimensions

BetaPEX

Pipe diameter (mm)	12	16	20	25	32
Inner diameter (mm)	9.8	13	16.2	20.4	26.2
Wall thickness (mm)	1.1	1.5	1.9	2.3	2.9
Weight (g/m)	42	73	112	170	270
Content (l/m)	0.07	0.13	0.2	0.32	0.52

EVOH BetaPEX

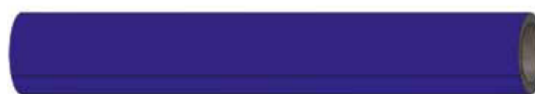
Pipe diameter (mm)	12	16	20	25
Inner diameter (mm)	9.8	13	16.2	20.4
Wall thickness (mm)	1.1	1.5	1.9	2.3
Weight (g/m)	42	73	112	170
Content (l/m)	0.07	0.13	0.2	0.32

Corrugated pipe



Pipes running through floors, walls or ceilings should be protected with a sleeve. After assembly, it is also advisable to protect the pipes against damage caused by other work being done on the site. The corrugated protector is made of polyethylene. It is fully impermeable and can withstand temperatures from -5°C to 80°C as well as a standard load of 450 Newtons.

Insulated pipe



Comap provides pipes with a round thermal insulating material. The extruded polyethylene foam protects the pipe against condensation, heat loss, expansion and noise transmission. Pipes should also be protected where they are grouped at high temperatures (floor heating effect).

*Quality standard: UNI and ISO 9002-94
Lambda value: 0.040W/mK at 40°C
Fire classification: 1-UNI 9177 and UNI 8457
Temperature range: -35°C to 95°C*

Warranty & Certifications



BetaPEX pipes are free from material or workmanship defects for a 10 years period as from the date of sale.

This warranty is subject to conditions. To have the details of our warranty conditions please ask your Comap representative.