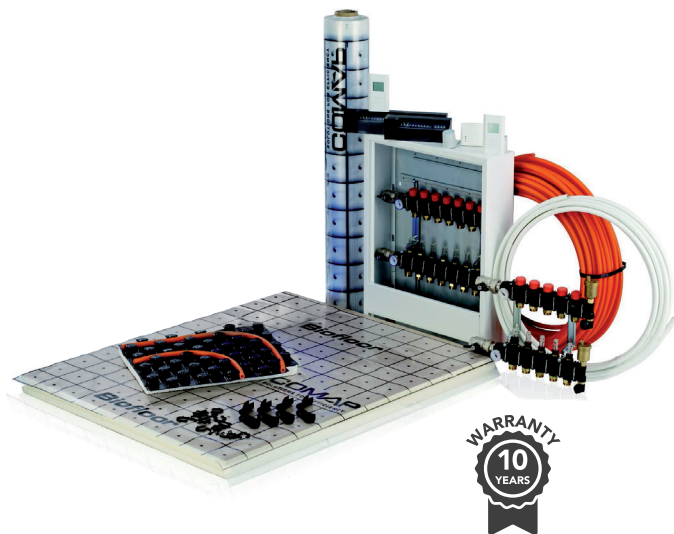


# COMAP, SURFACE HEATING AND COOLING SPECIALIST

Thanks to its flexibility and anti-oxygen properties, BioPERT pipe is ideal for underfloor heating and cooling installations.



## A LONG-STANDING EXPERTISE

As an industrial manufacturer, COMAP relies on over 60 years of expertise in the field of climate control to provide you a safe and efficient Surface heating&cooling solution.

## EUROPEAN MANUFACTURER

The main components of the Biofloor range are produced in COMAP factories in Europe, to guarantee the best quality.

## A TAILOR-MADE SOLUTION

Thanks to one of the widest ranges on the market, COMAP offers you a Biofloor solution adapted to your needs, for both new building and renovation.

## OUR AREAS OF EXPERTISE



### CONNECTIONS

COMAP offers a wide range of complete PER, copper and multilayer connection systems.



### CONTROL

COMAP's control solutions make it possible to provide the right flow in the right place in heating, air-conditioning or hot water systems.

### COMAP

A leading partner in thermal and sanitary solutions, striving for the comfort and environmental performance of buildings.

French experts for nearly 100 years in the fields of plumbing and HVAC, our solutions integrate harmoniously into living areas. With nearly 1000 employees, we design and manufacture control-regulation, connection and water quality technology. They enable intelligent management of water and energy and contribute to the comfort and well-being of occupants worldwide.

COMAP is part of the Aalberts Industries NV Group which has achieved a turnover of 2, 759 billion euros in 2018.

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CONNECTIONS

CONTROL

## BioPERT

PERT Pipe  
with anti-oxygen  
barrier



Credits photos : COMAP - Réf. Brochure-Biopert-2021-EN

# COMAP

# BioPERT

BioPERT 5 layers pipe

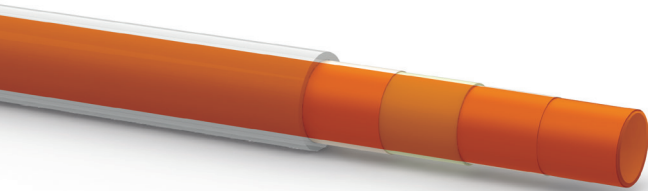
To meet installers needs, COMAP is launching BioPERT pipe, a PERT pipe with an oxygen barrier (EVOH).

## NEW 5 LAYERS PIPE

The presence of air is one of the major factors in the development of impurities in the systems. Air encourages the growth of algae or other harmful substances. This can lead to accelerated clogging of the system.

This phenomenon can be prevented by the oxygen barrier (EVOH), which prevents oxidation and the development of sludge in the pipes.

The new COMAP BioPERT 5 layers pipe:



The oxygen protection is located in the core of the pipe, between the PERT and PE layers. EVOH layer is completely protected which considerably increases the longevity of the network.

## BioPERT PIPE, A CONCENTRATE OF BENEFITS

COMAP BioPERT pipe is suitable for all heating systems, especially low-temperature heating systems such as underfloor heating installations.

It offers many advantages:

- **Exceptional temperature resistance due to the properties of PERT**

PERT is particularly *resistant over time to temperature variations* within the network, such as can occur in a heating system.

- **Anti-corrosion**

PERT is a material *naturally insensitive to corrosion*.

- **Resistance**

*The inner and outer layers are not subject to wear*, even at high temperatures or high flow rates.

- **Easy to install**

PERT is a flexible and very *workable material*.

*The outer layer fully protects the oxygen barrier.*

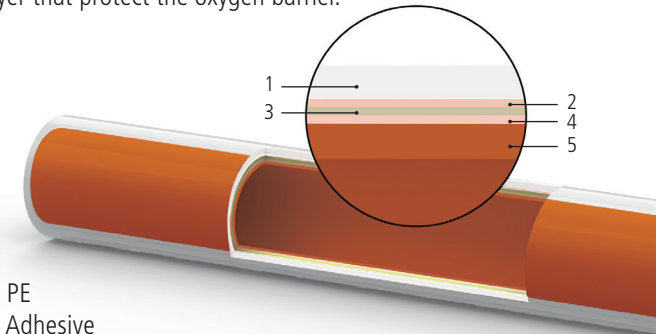


For its surface heating solutions (pipes, manifolds, accessories, etc.), COMAP offers its 10-year manufacturer's warranty for any claim involving its responsibility.

For more details on the terms and applications of the guarantee, our teams are at your disposal.

## BETTER CORROSION RESISTANCE

The 5-layers BioPERT pipe offers improved resistance to corrosion and to external aggressions thanks to the outer layer that protect the oxygen barrier.



- 1- PE
- 2- Adhesive
- 3- Anti-oxygen barrier (EVOH)
- 4- Adhesive
- 5- PERT

## PERT PIPE, A GUARANTEE OF COMAP QUALITY

The COMAP BioPERT pipe is exclusively produced in France. With over 30 years of experience, the COMAP factory in Nevers manufactures several tens of millions of metres of pipes every year!



COMAP factory in Nevers (FR)