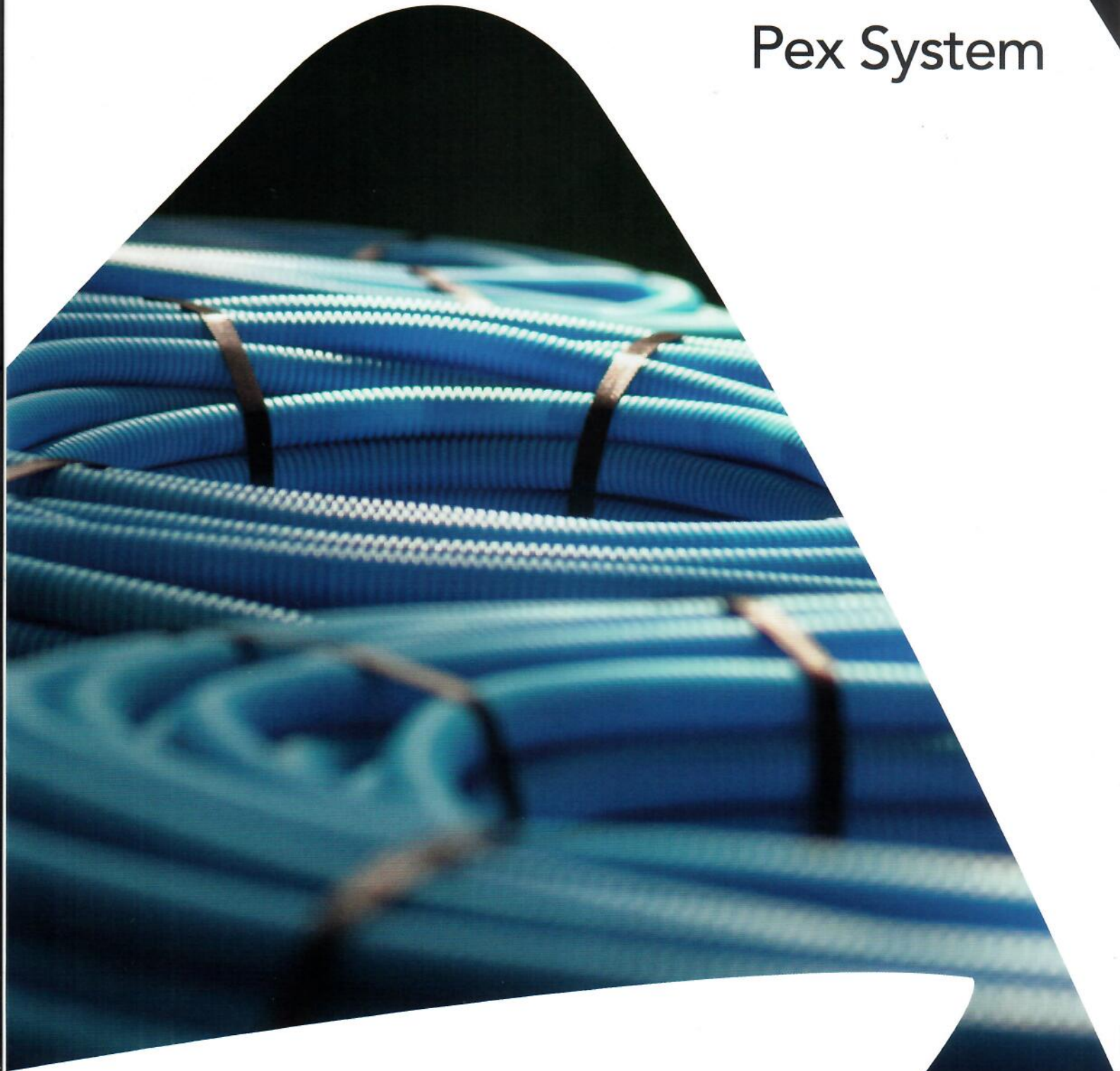


CONTROL

CONNECTION

WATER QUALITY

Pex System



COMAP

System PEX

APPLICATIONS*

	Drinking water
	Sanitary hot water
	Heating systems
	Under-floor heating and cooling
	Chilled water
	Solar heating
	Urban heating
	Water vapour
	Rainwater
	Water for industrial use
	Air gaps
	Compressed air (oil < 25 mg/m³)
	Lubricated compressed air
	Gas

* Many other applications are available on request

SKZ

CSTBat

WRAS
APPROVED PRODUCT
in process

10-YEAR WARRANTY

For its PEX systems (pipes and associated fittings), COMAP offers a manufacturer's guarantee of 10 years for all incidents in which it is responsible. For more information on the terms of the guarantee, please refer to the COMAP guarantee conditions.

COMAP

PEX COMBINED WITH COMAP QUALITY

QUALITY MANUFACTURING

- High-end system for optimum durability
- PEX-b pipes made in France.
- Junction boxes made in ABS.
- SKZ certification, conformity with norms EN ISO 15875.

RELIABLE, EFFICIENT SYSTEM

- Wide range of pipes and fittings available.
- Easy and quick installation.
- Quality products: cross-linked polyethylene (PEX-b), highly resistant.

BRASS COMPRESSION FITTINGS

- CW617N high quality brass.
- Tested and approved technology with the COMAP guarantee.



1. Brass ring
2. Fixing nut
3. Cannula
4. Brass body
5. Marking (COMAP quality guarantee)

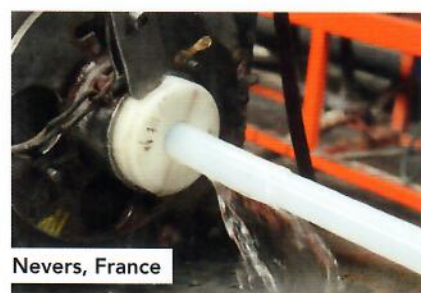
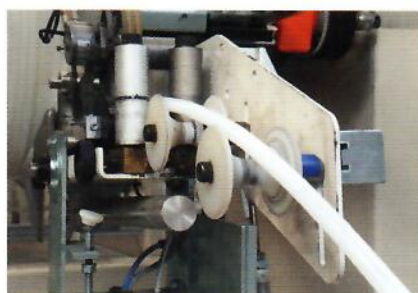
PEX PIPING, A RANGE OF ADVANTAGES AT A REASONABLE PRICE



- **Cross-linking** generates excellent temperature resistance – PEX-b can withstand service usage of 10 bar in temperatures up to 90°C over the long-term.
- **Anti-corrosion** – PEX is a material that is naturally resistant to corrosion.
- **Resistance** – The inner and outer layers are not affected by wear, even at high temperatures or flow rates.
- **Acoustics** – PEX effectively absorbs any sounds produced by water flowing through the system and by the water hammer effect, preventing any unpleasant noises.

PEX PIPE: GUARANTEED QUALITY, MADE BY COMAP

COMAP PEX pipes are produced exclusively in France. We have 30 years' experience, and our factory produces 10 mln meters of top-of-the-range piping every year. Cross-linking is carried out directly in our factory, improving the properties of the polyethylene.



Nevers, France

Complete and proven system

COMAP EXPERTISE

+ EFFICIENT

- Quick installation.
- Compatible with many applications.
- Can be used in a wide temperature range, up to 95°C (according to EN ISO 15875).

+ SAFE

- Highly secured installation: no flame or smoke.
- Reliable compression fittings without sealing joint.

+ DURABLE

- High-quality materials.
- Corrosion resistant.

+ PRACTICAL

- PEX is a material that is light and easy to install.
- Excellent noise attenuation.

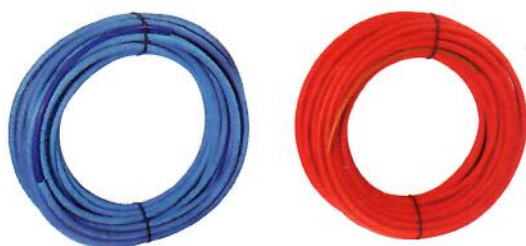


CORRUGATED PIPE

Polypropylene corrugator protects COMAP PEX pipes for applications including enclosure in walls or floors.

Corrugation must meet the following minimum requirements:

- Crush resistance (450 Newton) in line with the NF EN 61386-1 and NF EN 61386-22 standards.
- Sealing (liquid-tight conduit over its entire length).



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


COMAP CORRUGATED AND INSULATED PEX PIPE

- EASY: Hot-water sliding pipe, thanks to interior sheathing.
- QUICK: no need to add further insulation.
- LOW-COST: avoids energy losses.







The COMAP insulation is made of a material that does not deteriorate in any operating temperatures and which does not alter system operations regardless of the time it has been used for.

PEX SYSTEM PRODUCT RANGE

Straight coupling			Male coupling			Female coupling			Pex Manifold		
9401			9400			9402			9534		
											
CODE	SIZE		CODE	SIZE		CODE	SIZE		CODE	OUTLETS	SIZE
9401032	16 x 2,2		9400324X	16 x 2,2 - 1/2		9402324X	16 x 2,2 - 1/2		9534102	2	3/4 - 1/2
9401051	20 x 2		9400514X	20 x 2 - 1/2		9402514X	20 x 2 - 1/2		9534102	3	3/4 - 1/2
			9400516	20 x 2 - 3/4					9534104	4	3/4 - 1/2
									9534105	5	3/4 - 1/2

Equal Elbow			Male Elbow			Female Elbow			Equal Tee		
9403			9404			9405			9407		
											
CODE	SIZE		CODE	SIZE		CODE	SIZE		CODE	SIZE	
9403032	16 x 2,2		9405324	16 x 2,2 - 1/2		9404324	16 x 2,2 - 1/2		9407032X	16 x 2,2	
9403051	20 x 2								9407051X	20 x 2	

Blue junction box assembled for Pex pipes			Red junction box assembled for Pex pipes			Female End Cap			Male End Cap		
9840CB			9840CR			8300			8252		
											
CODE	SIZE		CODE	SIZE		CODE	SIZE		CODE	SIZE	
984050	16 x 2,2 - 1/2		984060	16 x 2,2 - 1/2		E211170001	3/4		E211160001	3/4	
984070	20 x 2 - 1/2		984080	20 x 2 - 1/2							

BetaPex Pipe Naked			Blue Corrugator			Red Corrugator		
9002			9002GB			9002GR		
								
CODE	LENGHT	SIZE	CODE	LENGHT	SIZE	CODE	LENGHT	SIZE
B614003001	100 m	16 x 2,2	C290007001	100 m	26x3	C290008001	100 m	26x3
B614006001	100 m	20 x 2						



Abbeville, France



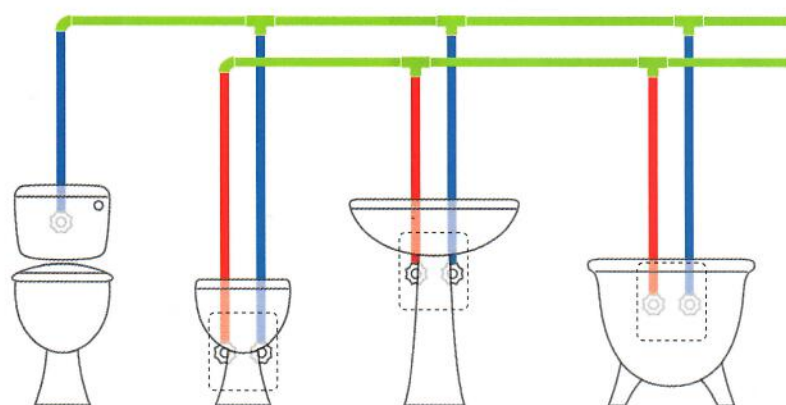
Nevers, France






Brescia, Italy



AT THE CORE OF YOUR PROJECTS



PEX pipe drops using PPR main headers

-  PP-R pipes
-  PEX-b pipes
-  Wall outlet
see picture below

the plus by COMAP



PUSH MANIFOLD

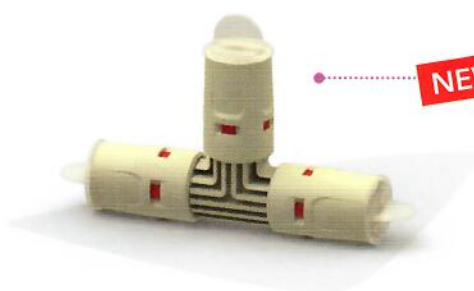
- Enables to simply and quickly open and close the system thanks to push buttons.
- Stickers for identification of the different circuits.

PRODUCT TIPS



- COMAP Quality
 - Conform with norm EN ISO 15875
 - SKZ certification
- Wall outlet

OUR NEW SOLUTION



NEW

COMAP PUSH FITTINGS

- Immediate time saving -40% vs. traditional fittings
- Push-fit technology 7 sec per 1 fitting



MIRAIL / Toulouse, France
Renovation of occupied space involving 5 buildings.



BEL AIR / Brussels, Belgium
Renovation of a 77 unit building.



COMAP, UNIQUE PARTNER OF ALL THE PLAYERS IN THE CONSTRUCTION INDUSTRY

SUPPORT

Installers, craftsmen, design offices, architects...

COMAP's technical support answers all specific questions, in support of the sales teams present in the field.

Support services extending from preliminary design to installation contributes to **the performance of COMAP global solutions.**

TRAINING

As an expert in climate engineering and connection solutions, **COMAP has adopted a sustainable collaborative approach** to support professionals in completing their projects.

Sales teams offer training sessions to ensure the proper handling of each solution.

AVAILABILITY

As a design and manufacture entity, **COMAP controls all stages of production** and ensures the availability of its products as soon as possible thanks to its logistics platform in Chécy.

The COMAP product range is accessible thanks to **a robust distribution network.**

PROXIMITY

From order taking to customer service, the COMAP customer service organisation meets all needs and provides a rapid and complete response, whatever the solution chosen.

OUR 3 AREAS OF EXPERTISE



COMFORT CONTROL

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



CONNECTION

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



WATER QUALITY

COMAP solutions are based on soft technologies and are environment friendly, resulting in healthy and high quality water in residential buildings.

To learn more and discover the full range, contact your COMAP advisor.

COMAP

A leading designer-manufacturer of thermal and sanitary solutions, to improve the comfort and environmental performance of buildings.

COMAP is a European industrial group, expert in the fields of plumbing and HVAC engineering. The group's offer is based on control-regulation, connection and water quality technologies as well as a wide range of sanitary taps. Its products are designed and manufactured in the group's design offices and factories in France and Italy.

COMAP's value-added solutions integrate harmoniously into living spaces, enabling intelligent management of water and energy and contributing to the comfort and well-being of occupants.

With headquarters in France, COMAP operates internationally, with a sales network in more than 20 countries. The group has 600 employees and is the "Thermal and Sanitary Efficiency" entity of the Aalberts group.

COMAP GROUP

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