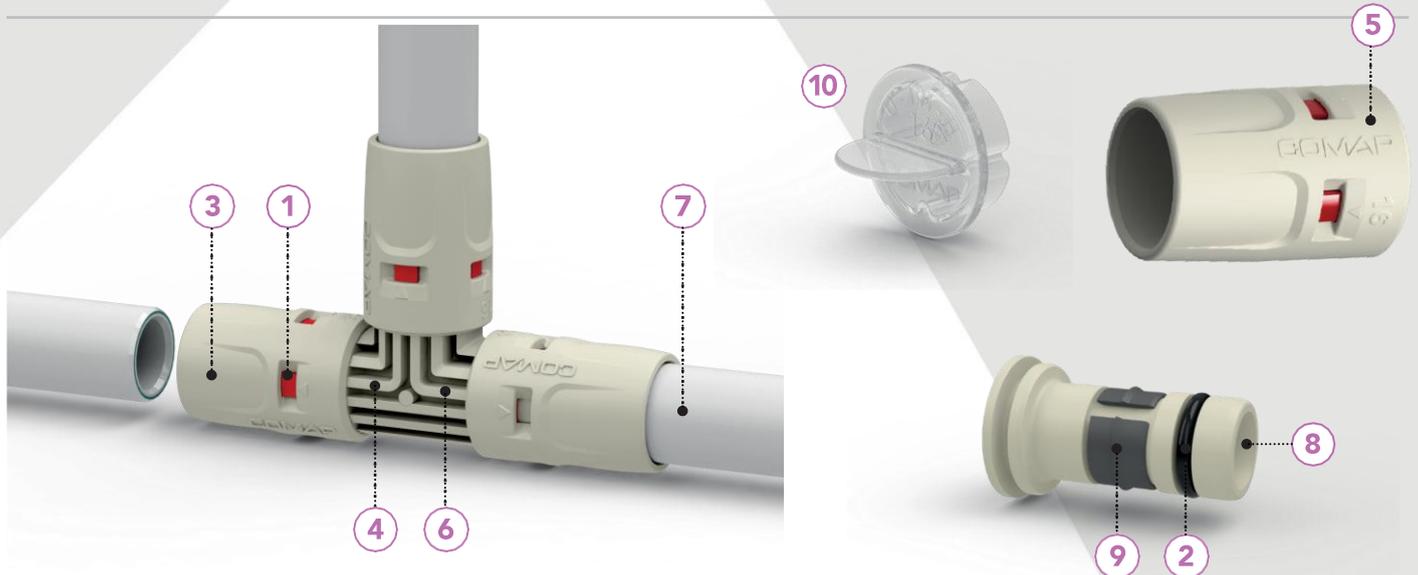




SYNTHETIC PUSH-FIT CONNECTIONS FOR MULTILAYER PIPE

COMAP



1. Visu-control® nut = indicates whether a pipe is properly inserted
2. O-ring in EPDM
3. Shape modelling = allows a better grip when fittings are in peoples' hands
4. Body in PPSU = meets EU standards
5. Inkjet marking = guarantee of legible information for product traceability
6. Design with flow line = for all-round durability
7. Push-fit= a fitting that does not require tools
8. Improved hydraulics = lower pressure losses
9. Bonding ring = retains the pipe after insertion
10. Protective cap = protects fittings during transport and protects O-rings from impurities

DESCRIPTION

The COMAP push fit system for multilayer pipe combines all the qualities of plastic and metal solutions. A light and flexible tube with significant resistance to expansion (inner layer of aluminium). A high quality synthetic PPSU fitting, quick to install and secured by an insertion indicator.

Synthetic crimp fittings are supplied with EPDM gasket and polyamide snap ring
= not susceptible to corrosion.

ADVANTAGES

Performance

- Press fit solution that connects fittings in seven seconds without tools and avoids the risks related to the welding.
- Improved hydraulics with a reduction in pressure drops (5% on average compared to the former synthetic crimp range)

Safety

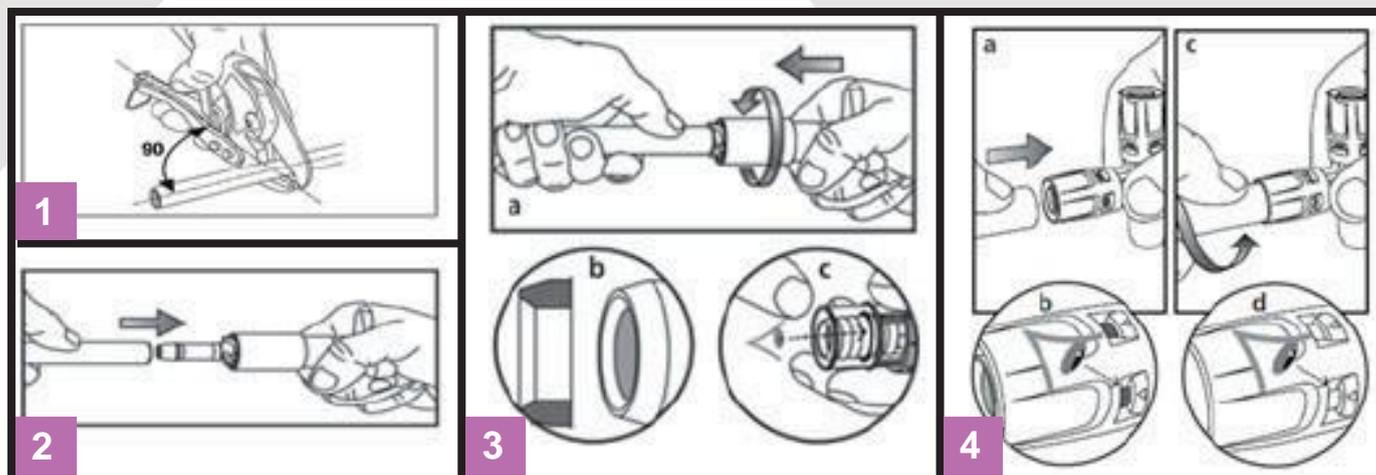
- Visu-Control® ring, allowing visual verification of a fitting (the red indicator turns white once the pipe is connected)
- Protective cap to prevent impurities from penetrating



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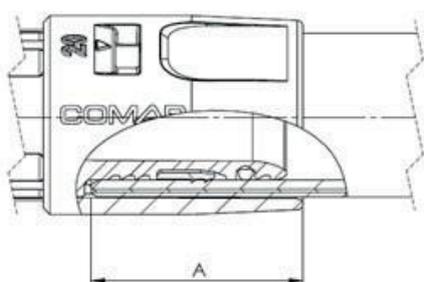
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INSTALLATION



1. CUT

Make a 90° cut on the pipe with a pipe cutter (1). Don't forget to add the length of the pipe that is situated inside the fitting in your calculation (Dimension A).



Pipe diameter (in mm)	16	20	26
A (mm)	25	26	27

2. CALIBRATE

It is imperative to use the new tool to calibrate COMAP to restore its cylindrical shape to the tube (2).

3. DEBURR

Deburr (3a) and visually check that the edges of the pipes are clean and beveled to avoid damaging the seal located inside the fitting (3b). Make sure that the O-ring is properly seated in the fitting (3c).

4. ASSEMBLE

Insert the pipe into the fitting (4a), rotating it slightly and pushing lengthwise until it stops (4c).

The Visu-Control® window changes from red to white, indicating a successful connection (4b and 4d).



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APPLICATIONS

Table of applications of COMAP synthetic push fit connections for multilayer pipes.

Application	Description	Operating temperature	Maximum operating pressure
Sanitary water	Hot and cold drinking water systems	5°C to 95°C	10 bar
Heating and cooling	For water heating systems and networks	-10°C to 95°C	10 bar
Rainwater	For rainwater evacuation systems in buildings	-10°C to 95°C	10 bar
Compressed air	For oil-free compressed air systems * (with oil filter in front of the system).	-10°C to 70°C	10 bar

*Less than 25mg/m³ of oil

Or any other application, please contact COMAP.

WARRANTY AND CERTIFICATIONS

COMAP compression fittings are warranted to be free from defects in material and workmanship for a period of 10 years from the date of purchase. They can only be used with COMAP multilayer pipes.

Warranty subject to conditions. Please contact your COMAP representative for our detailed warranty conditions.

Certification:

