

Uponor

Uponor Comfort Pipe PLUS

The most flexible PE-XA pipe of all time

Specially developed
for radiant heating
and cooling



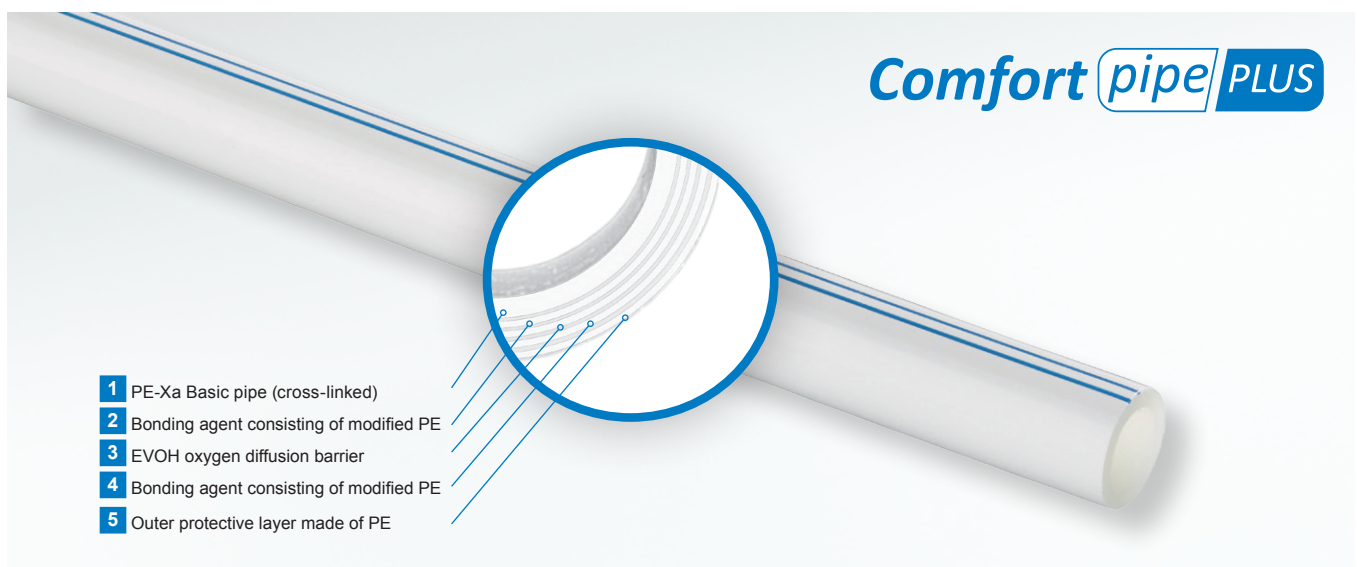
Uponor UAX™ Technology

Manufactured using enhanced UAX™ Technology, the new Uponor Comfort Pipe PLUS PE-Xa reduces installation times while also maximising reliability.

As one of the leading suppliers of plastic pipe systems, Uponor attaches great importance to product development. The new Uponor Comfort Pipe PLUS is manufactured based on the innovative UAX™ Technology. This production process is the latest step in the consistent further development of the PE-Xa pipe, now in existence for over forty years.

The following aspects were adapted to future requirements during production process development:

- Use of new pipe materials and innovative components for manufacturing PE-Xa pipes.
- New extrusion process.
- Uponor cross-linking process.
- The new Comfort Pipe PLUS can be identified by the two blue stripes on the white outer layer of the pipe and on its trademark **Comfort pipe PLUS**
- Compatible with Uponor connection technologies Quick & Easy,
- Rapex Press-Couplings and Vario compression fittings.



Uponor Comfort Pipe PLUS delivers material qualities such as durability, impact resistance and resistance to stress cracking in all weather conditions.

- 1** The **Uponor Comfort Pipe PLUS** is based on a PE-Xa pipe, which is produced as per the requirements specified in EN ISO 15875. It features material qualities such as durability, impact resistance and resistance to stress cracking.
- 2** The second layer provides a permanent bond between the basic PE-Xa pipe and the oxygen diffusion barrier.
- 3** The third layer prevents oxygen from diffusing into the radiant heating / cooling system. The EVOH delivers an impermeability to oxygen which meets or exceeds DIN 4726 requirements. This prevents oxidation of metal components within the system.
- 4** The fourth layer provides a permanent bond between the outer protective layer and the oxygen diffusion barrier.
- 5** The fifth is designed to protect the oxygen diffusion barrier against damage from high mechanical stress during routine work on building sites, especially if the pipe is drawn over concrete while being installed.

Extra Safety

Uponor Comfort Pipe PLUS has been specially developed for radiant heating and cooling and impresses thanks to the latest UAX™ Technology featuring excellent mechanical properties:

+10% higher cross-linking than required by industrial standards

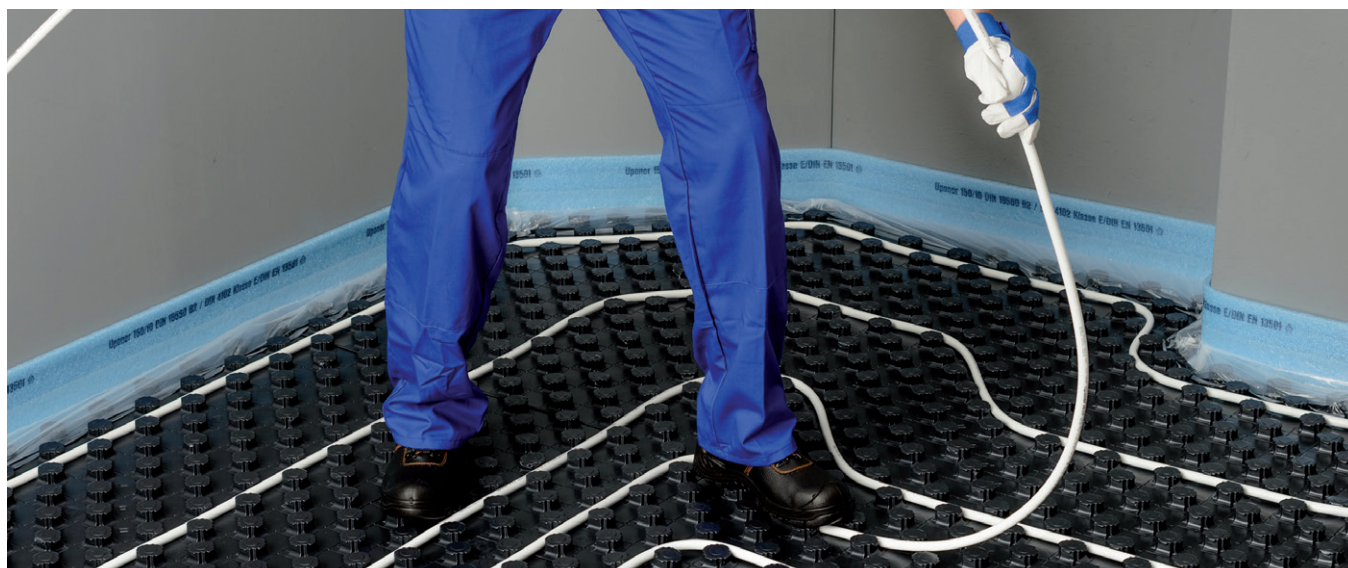
+14% higher flexibility

+10% higher elasticity

We have thus improved our time-tested Uponor PE-Xa pipe even further and offer you enormous advantages in your work as a planner or installer:

Your benefits:

- The optimum flexibility is specially designed for the extreme requirements in underfloor heating, ceiling cooling systems or TABS
- You can now lay pipes even faster and even more efficiently, thus achieving significant time and cost advantages
- The flexibility ensures greatly improved handling, even at low temperatures



Fitting technology



Q & E coupling



Rapex Press-Couplings



Vario compression fitting

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