

uponor

Uponor Uni-Pipe PLUS

SAC technology, one step ahead.

The ultimate composite
technology for use with
all Uponor systems and
applications



Ahead of time: Uni-Pipe PLUS for fast installations

At Uponor we are committed to driving forward the technology of our multi-layer composite pipes. The aim is to achieve one main goal: to make work for designers and installers easier.

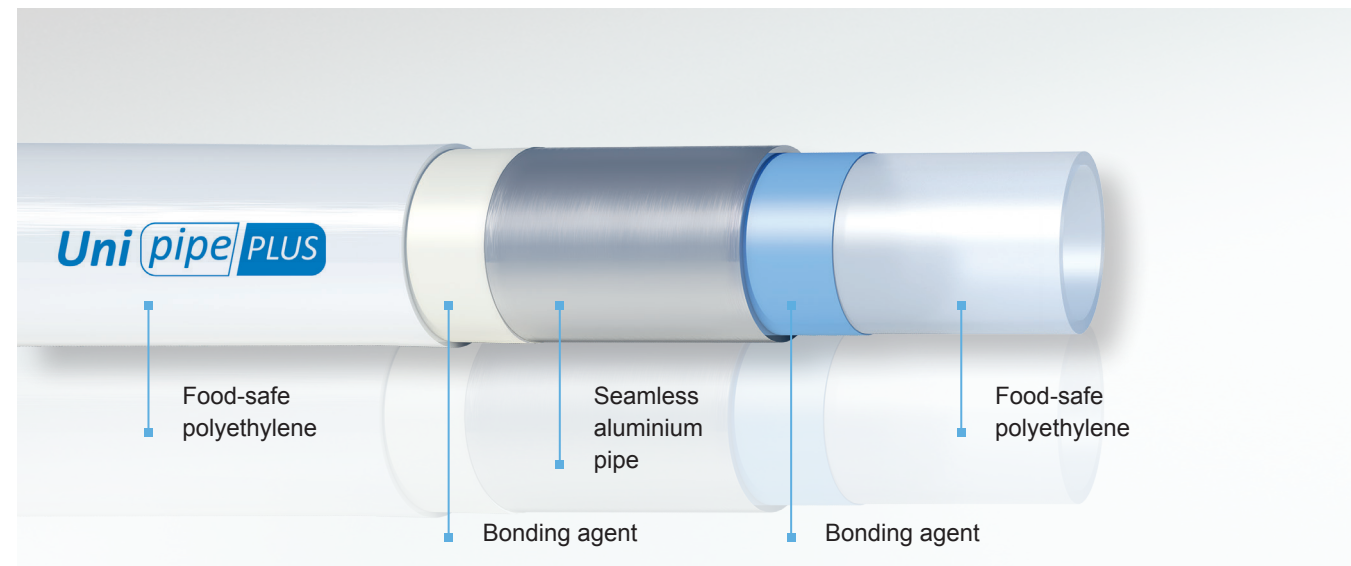
Whether connecting drinking water installations, or heating systems, precision and speed are essential. That's why Uponor have developed Uni-Pipe PLUS. This revolutionary pipe offers exceptional flexibility whilst providing the highest strength and security.

Ingenious construction

Uni-Pipe PLUS consists of a seamless aluminium pipe which not only provides a 100% oxygen tight barrier, but also compensates for forces and linear expansion caused by changes

in temperature. To achieve this, the thickness of the aluminium layer has been optimally engineered to maintain high pressure resistance whilst offering the greatest flexibility. Both the inside and outside of the aluminium pipe are then layered with polyethylene which is specially formulated to be resistant to high temperatures (complying with DIN 16833). All three layers are then permanently joined to one another by the use of a bonding agent.

Uni-Pipe PLUS is available as several different options such as coils, straight lengths and pre-insulated. Pre-insulated pipes (WLS 35) for hot and cold water installations, offer a space and time saving by removing the necessity to later add insulation.



Your benefits:

- Up to 40% less bending radius, compared to conventional multilayer pipes
- 0% readjustment, pipe stays perfectly in shape after bending
- Up to 15 % less fittings, due to the greater flexibility
- 100% compatibility with all Uponor MLCP pipes & fittings

Market leading technology: SAC sets new quality standards

With our pioneering SAC (Seamless Aluminium Composite) technology, we have created a completely new product category: the world's first multilayer composite pipe with a seamless, extruded aluminium layer. SAC sets new standards in performance and functionality,

Enhanced performance and safety

Uni-Pipe PLUS SAC is available in two variants: either as straight lengths or coils. Both provide extraordinary advantages.

Uni-Pipe PLUS coils are significantly more flexible than all current multilayer composite pipes. This enables you to not only save time during installation, but also save costs

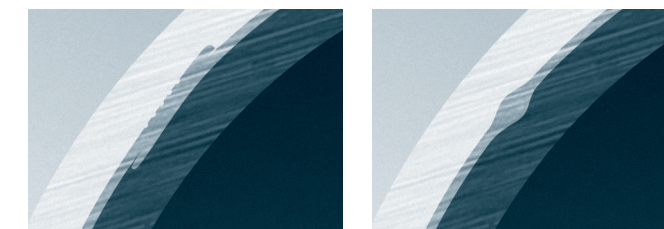
caused by reducing the number of installation components. In contrast, Uni Pipe PLUS straight lengths feature a special aluminium layer that is more rigid than conventional multilayer composite pipes. This feature is more visually attractive when the pipe is mounted 'on view'.

Whatever variant you need, you are guaranteed the highest safety possible from the seamless aluminium pipe.

Easy installation with proven technology

All Uni-Pipe PLUS pipes can be installed easily, quickly and safely thanks to the tried-and-tested Uponor connection technologies. What's more, they are fully compatible with all the current Uponor systems and solutions.

Current technology



Overlap-welded aluminium

Butt-welded aluminium

New SAC technology



Seamless aluminium

Uni Pipe PLUS

Uni-Pipe PLUS Vs standard composite pipe

Other than its improved flexibility, Uni-Pipe PLUS offers the installer the highest protection from pipes being damaged when forming complex or tight bends, even when bending by hand.



New packaging

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