

Uponor

**Build on Uponor
with S-Press PLUS**



THE ONE WITHOUT COMPROMISE

Uponor presents the new generation of press fittings for MLC pipes.

Installers around the world build on Uponor. After more than 25 years of experience and over 500 million fittings installed, Uponor have now set a new standard for MLC press fittings. Introducing Uponor S-Press PLUS: the tougher, safer, smarter and easier to install fitting range.

S-Press PLUS is the perfect solution for ensuring reliable, long-lasting connections. It is 100% backward compatible with the current Uponor MLC range (including tools) and is available in dimensions ranging from 16 to 32mm.



TOUGH

WITHSTANDING THE HARSHTEST CONDITIONS

Cold, dark and demanding; conditions on site are never normally ideal. When challenges are tough, S-Press PLUS is what you need. With improved durability and corrosion resistance, S-Press PLUS is equipped with superior materials to cope with the most demanding environments.

Resistant to mechanical stress

Even when installed, plumbing systems are susceptible to mechanical loads, stresses or impact. To ensure we offer the most robust system available, the S-Press PLUS fitting has been redesigned so that it is even more capable of dealing with mechanical forces.

We conducted the TOUGH TEST

- BAM Berlin dezincification test: Fitting immersed in three different water qualities and different water temperatures for three months.
- Tensile test: With a constant 100 mm/min piston speed, S-Press PLUS proves resistance to forces of up to 1,600 N. That equals the pulling power of approx. 2.5 men, tugging the fitting 100 times.





Resistant to any kind of drinking water

S-Press PLUS metal fittings feature an innovative brass alloy body that gives protection against dezincification and stress corrosion cracking. The special brass makes this fitting resistant to soft water and water with low concentrations of calcium and magnesium ions – in fact, the Uponor S-Press PLUS range gives the best protection even when used in the harshest of drinking water installations.



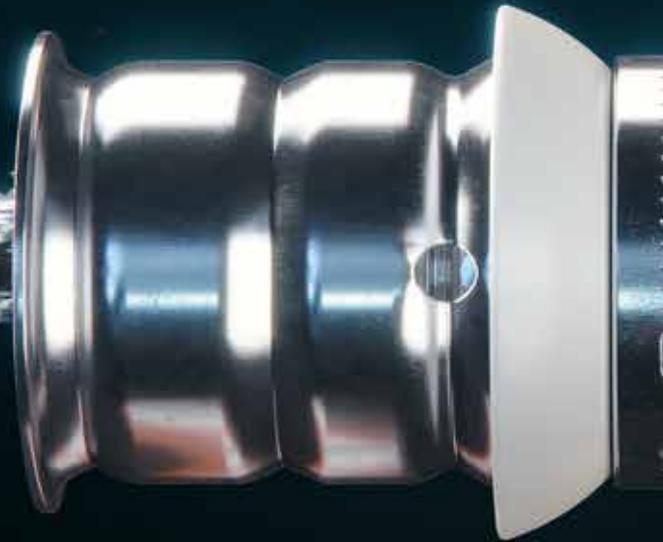
Resistant to chemical components in the concrete

All materials used to manufacture the S-Press PLUS fittings are highly resistant to corrosion that might ordinarily occur when a fitting is in contact with corrosive building materials.

SAFE

ENSURING YOUR PERFECT PRESSING RESULT

Everyone in your team is under pressure to perform quickly and reliably, without ever compromising safety. The patented Uponor S-Press PLUS system (patent and design application pending) ensures you can make safe connections in seconds. It has been rigorously tested to demanding standards by approvals facilities all over the world including WRAS and DVGW.



Unique press indicator

Our unique press indicator ensures a fast, safe connection enabling any observer to easily see that the fitting has been pressed correctly. The specially designed indicator foil, mounted around the pressing sleeve, will drop away from the connection once the press has been made. You are then able to see from some distance that the foil has detached and a quick inspection can confirm that the connection is safe.

We conducted the SAFE TEST

- Observation test: The press indicator is recognisable at a distance of up to 5 metres, whilst traditional systems are generally only visible up to 2 metres.
- Layman test: Due to the profile of the pressing sleeve, it is virtually impossible to press S-Press PLUS in the wrong position.





Precise jaw location

A specially designed pressing sleeve ensures the Uponor profile jaws can be located on the fitting more precisely than ever before. This feature makes installation safer as it is virtually impossible to press the fitting with the jaws in the wrong position.



Easy size identification

Even in dark and difficult conditions on a construction site, you are able to easily and quickly pick the correct sized fitting. The bright colour coded size identification on the press indicators are easy to see even from some distance. What's more, the size colour coded fittings match the colour coding on the relevant pressing jaw and the colour coded hygiene stoppers in the end of each of the corresponding pipe sizes.

Un-pressed leak-path safety

As an additional safety function, when filling the system, the fitting will leak immediately if it hasn't been pressed properly, even at low pressure.

EASY

SIMPLIFYING PLANNING AND INSTALLATION

When planning and undertaking an installation, it's the sum of all the details that allow a smooth and efficient process. S-Press PLUS has been designed and manufactured to make your life easier. The significantly improved flow rate, greatly reduced pressure losses and fast 3 step installation makes light work of demanding installations.



Improved flow rate and a reduction of pressure losses by up to 60%

A significant reduction in pressure losses gives S-Press Plus best-in-class Zeta values for MLCP radial press fittings. It also guarantees an optimal flow rate at all points within a system.

We conducted the EASY TEST

- Flow test: A bathtub has never been filled so fast.
- Installation test: S-Press Plus can be up to three times faster than other systems
- System test: The S-Press PLUS system has been approved by many European Certification Board



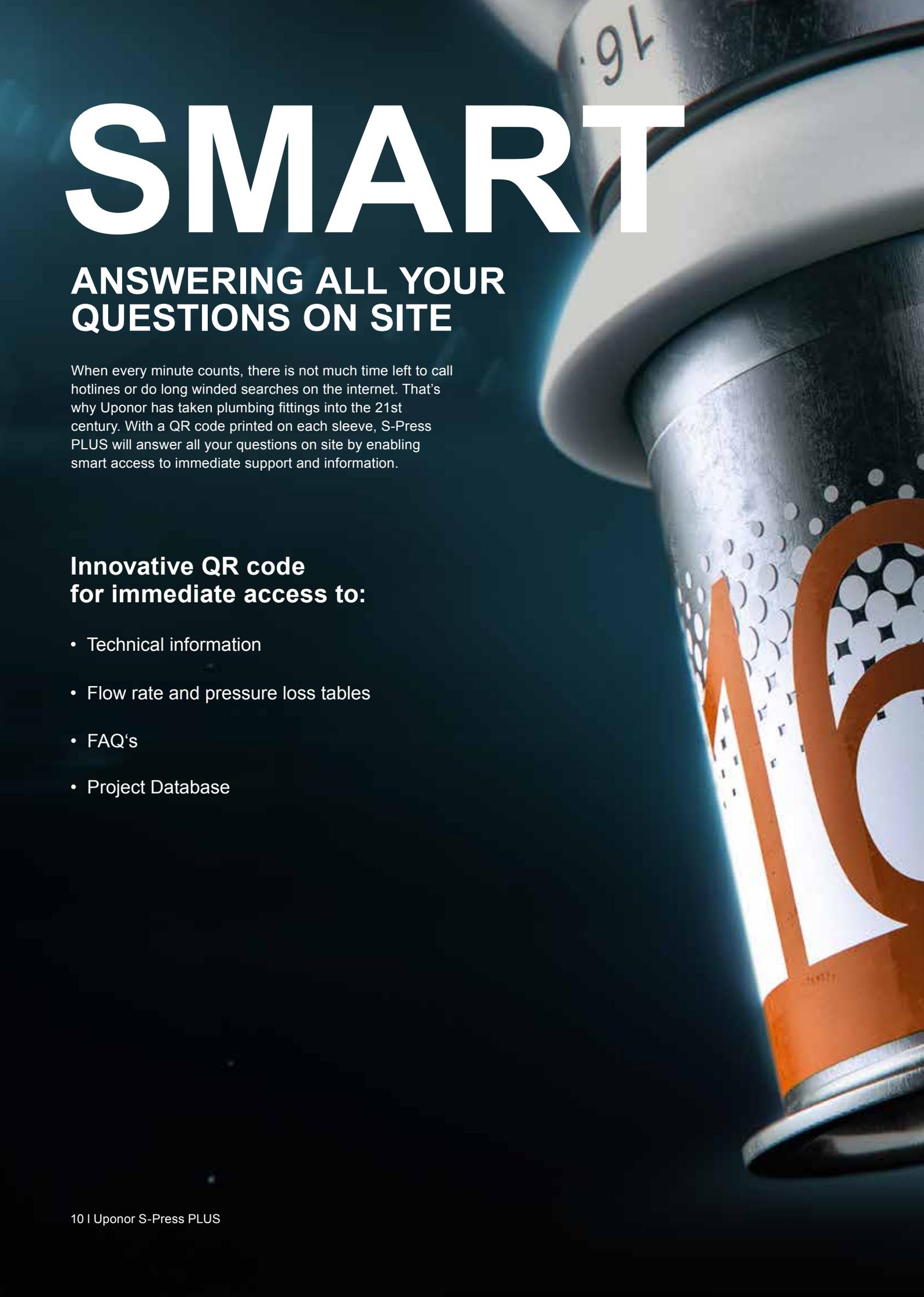
Fast 3-step installation

With S-Press PLUS, installation times are reduced due to the pipe needing no bevelling or calibration before the fitting is inserted. The fittings' new optimised body profile requires less force to make the connection even onto the non-bevelled and non-calibrated pipe. Due to other MLCP systems requiring calibration and bevelling, they can take between 40% and 50% longer to install a bathroom sized system (depending on the manufacturer).

100 % backward compatible with existing Uponor components

The S-Press PLUS range is fully compatible with existing Uponor MLCP pipes, fittings and Uponor tools.

SMART

A close-up, low-angle shot of a metal pipe fitting. The fitting is cylindrical and has a perforated section. A large, orange QR code is printed on the side. Above the QR code, the number '91' is visible. The background is dark and out of focus.

ANSWERING ALL YOUR QUESTIONS ON SITE

When every minute counts, there is not much time left to call hotlines or do long winded searches on the internet. That's why Uponor has taken plumbing fittings into the 21st century. With a QR code printed on each sleeve, S-Press PLUS will answer all your questions on site by enabling smart access to immediate support and information.

Innovative QR code for immediate access to:

- Technical information
- Flow rate and pressure loss tables
- FAQ's
- Project Database



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