

**Uponor**

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



# THE ONE WITHOUT COMPROMISE

## **Uponor presents the new generation of press fittings for composite pipes.**

Installers around the world build on Uponor. After 25 years of real-life experience and more than 500 million fittings installed, Uponor has now reinvented the press fitting for composite pipes. Just to build the one for you: tough, safe, easy and smart. It's Uponor S-Press PLUS.

S-Press PLUS, our new generation of press fittings, is the perfect solution for ensuring permanently tight pipe connections. It's 100% backward compatible with current Uponor composite pipes and tools. Available in dimensions from 16 to 32 mm in both metal and plastic, S-Press PLUS is the fitting that knows no compromise.



# TOUGH

## WITHSTANDING THE HARSHTEST CONDITIONS

Cold, dark and hectic – we know that ideal conditions never prevail on a construction site. When challenges are tough, S-Press PLUS is what you need. Durable and corrosion-resistant as never before, equipped with superior materials, making it a true specialist for the world of installers.

### Resistant to mechanical stress

Every day it can happen that the fitting is exposed to sudden mechanical loads. That's why we made the new design of S-Press PLUS fittings more load- and shock-resistant, proving great stability under heavy mechanical forces.

#### We conducted the TOUGH TEST

- The Bundesanstalt für Materialforschung und -prüfung (BAM) dezincification test: Fitting immersed in three different water qualities and different water temperatures for eight weeks.
- Tensile test: With a constant 100 mm/min piston speed, S-Press PLUS proves resistant 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 them improved dezincification and crack corrosion resistance. That makes the fitting stronger against soft water, as well as low concentrations of calcium and magnesium ions – in fact, the best Uponor quality for drinking water consumption.



## **Resistant to chemical components in the concrete**

All raw materials used for S-Press PLUS are highly resistant to corrosion that might occur when the fitting is in contact with surrounding building materials.

# SAFE

## ENSURING YOUR PERFECT PRESSING RESULT

Everyone in your team is under pressure to perform quickly and reliably, whereby safety must never be compromised. With the Uponor S-Press PLUS fitting system (patent and design application pending) you make safe connections in seconds. S-Press PLUS joints are permanently tight, as SKZ test reports and DVGW certificates confirm.



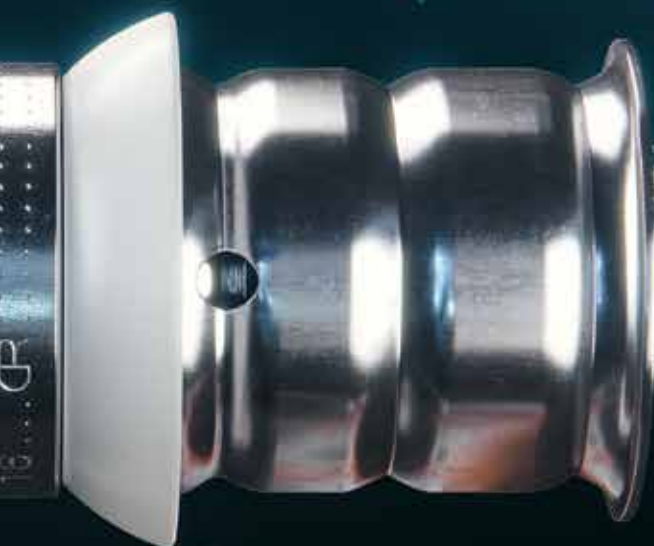
### Unique press indicator

Our unique press indicator ensures a fast and safe connection. It enables a secure check if pressed or not. The specially designed foil around the sleeve will tell you if the pressing has been done correctly. The foil is removable as soon as the connection is safe.

#### We conducted the SAFE TEST

- View test: The press indicator is recognisable at a distance up to 5 metres.
- Jaw fixation test: It is not possible to press S-Press PLUS in the wrong position using the Uponor "U" profile jaws.





## Precise jaw fixation

A specially designed sleeve profile ensures the Uponor U-profile jaws can be fixed more precisely than ever. They make installation safer, as it is impossible to press the fitting in the wrong position.



## Fast diameter recognition

Even in dark and difficult conditions on the construction site, you will be able to easily and quickly pick the correct fitting dimension. The bright colour coding and big dimension numbers on the press indicator are easy to recognise even from far distances. The matching colour coding on the pressing jaws tells you which tool to use.

## Accurate test safety function

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

# EASY

## SIMPLIFYING PLANNING AND INSTALLATION

In the planning phase and during an installation, it is the sum of the details that allow a smooth and efficient process. S-Press PLUS has been designed and built to make your life easier. The significantly improved flow rate, fast 3-step installation and 100 % backward compatibility facilitate many of your working steps.



### Decreased pressure loss by up to 60 %

A significant decrease in pressure loss is the result of the Zeta value optimised fitting design. This guarantees an optimal flow rate at all points of use. Planning and design of the installation becomes easier with Uponor HSE Software 5.0.

#### We conducted the EASY TEST

- Installation test: Uponor 3-step connection with S-Press PLUS is faster than other systems.
- System test: The S-Press PLUS system has been approved by European Certification Bodies.
- S-Press PLUS demonstrate no „death spaces“: Hygiene test showed no evidence for contamination in the water. Provided by Institut für Umwelthygiene und Toxikologie in Gelsenkirchen.





## Fast 3-step installation

S-Press PLUS speeds up installation because no bevelling or calibration is required. This reduces the installation time for a bathroom with three outlets by up to 25% compared to traditional radial press fittings and by up to 50% compared to axial press fittings and cone grip systems. Thanks to the new optimised nipple profile, less force is required to insert the fitting into the non-bevelled and non-calibrated pipe after cutting.

## 100% backward compatible with existing Uponor components

The S-Press PLUS range is fully compatible with Uponor composite pipes and existing Uponor jaws. With its consistently high-quality design you are fully flexible in choosing metal or plastic fittings according to your requirements.

# SMART

A close-up, low-angle shot of a metal pipe fitting. The fitting is cylindrical and has a perforated section. An orange logo, resembling a stylized 'U' or 'B', is printed on the side. 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 searches on the Internet. That's why Uponor has taken 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, information and product supplies while you are at the construction site.

### **Innovative QR code for immediate access to:**

- 24/7 tutorial and installation support
- Your individual project database
- Item list and online ordering



# Uponor

Tested and proved by:



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1094180\_12/2018



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