

uponor

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WATERWARE

S-Press Plus



PRODUCT
CATALOGUE



**No Reaming
Required!**

INTRODUCING UPONOR S-PRESS PLUS

In a market full of pipes and fittings, it's time for something that actually makes your life easier on-site. The Uponor S-Press PLUS is the no-nonsense, leak-proof press fitting system designed to take the guesswork out of installs and deliver rock-solid results every time. No calibration, no bevelling, no fuss—just cut, press, and move on to the next job with complete confidence it's done right.

With colour-coded sleeves for instant size recognition and a smart leak path feature that shows any missed presses during testing,

you're not wasting time second-guessing your work. Plus, these fittings are built tough, using stainless steel press sleeves and high-grade PPSU or DR brass bodies—so they're ready to handle whatever you throw at them, from high-pressure hot water to heating systems. If you're about doing quality work faster and getting fewer callbacks, the **S-Press PLUS** is your new best mate. Faster installs, stronger results, and a system that backs your reputation on every job.



FEATURES

SMOOTHER. New digitally engineered body design is flow optimised to decrease pressure loss by up to 60%.

SMARTER. QR code on each fitting allows instant access to flow rate and pressure loss data tables and technical support.

TOUGHER. PPSU and low lead compliant DR Brass fittings with stainless steel sleeves are durable and corrosion resistant.

EASIER. 16mm, 20mm, 25mm and 32mm colour coded fittings are easy to recognise even from a distance, allowing for correct jaw selection.

SAFER. Sight window in the stainless sleeve shows the pipe is fully inserted before pressing. 100% leak detection means you will never miss a joint again.

FASTER. 3-step installation process with no bevelling or calibration required saves critical time on site and reduces fatigue.

SIMPLER. The colour coded indicator foil comes away after pressing to demonstrate at a glance that the fitting has been successfully crimped.

= Faster installs with less call backs!

Each fitting size is *colour-coded* for easy identification

Colour Key

- 16 mm
- 20 mm
- 25 mm
- 32 mm



Complete PPSU Range **Lead Free (<0.25%)**



For a comprehensive overview,
scan the QR code to view the
introduction video

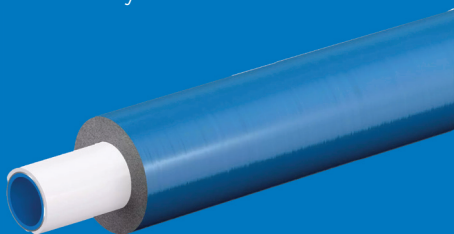
UPONOR MULTILAYER COMPOSITE PIPE SPECIFICATION

Uponor Uni Pipe PLUS is the unique composite pipe with no weld seam, which increases fixing distances and reduces the bending radii by up to 40 % compared to conventional composite pipes – that means fewer pipe fixing points are

required during installation and many changes in direction can be achieved with pipe bends. That reduces the number of fittings and pipe clamps required and saves assembly time.

UPONOR UNI PIPE PLUS

- Seamless for maximum safety
- High form stability and minimal expansion
- Improved bending properties
- 100 % oxygen-tight
- Low weight
- Large mounting distances without clips
- Dimensional range 14 – 110 mm



Pipe dimension (O/D & wall) mm	Unit	16 x 2.0	20 x 2.25	25 x 2.5	32 x 3.0	40 x 4.0
Inner dimension (I/D) mm	mm	12	15.5	20	26	32
Material	PE-RT/AL/PE-RT					
Operation Temperature – Heating	°C	Up to 80				
Operation Pressure (max. permanent)	Bar	10				
Water volume l/m		0.113	0.189	0.314	0.531	0.800
Weight of pipe with water kg/m		0.224	0.350	0.547	0.895	1.310
Thermal conductivity λ	W/mK	0.40				
Coefficient of expansion α	m/mK	25×10^{-6}				
Min. bending radius by Hand (5x \varnothing r)	mm	64	80	125	160	n/a
Min. bending radius by Bending Spring (3x \varnothing r)	mm	48	60	75	96	n/a
Fixing distances mm	Horizontal	1200	1300	1500	1600	1700
	Vertical	2300	2600	3000	3000	2200

Compatible crimp jaws "U" profile

UPONOR MULTILAYER COMPOSITE PIPE

ALL CIRCULATING PIPEWORK MUST BE INSULATED TO THE MANUFACTURERS REQUIREMENT OR PROJECT SPECIFIED R-VALUE.



1 Food-safe polyethylene inner layer

2 Bonding agent

3 Seamless aluminium pipe

4 Bonding agent

5 Robust polyethylene outer layer

SPECIFICATION

Oxygen diffusion resistant multi-layer composite pipe (PE-RT - adhesive – seamless aluminium/longitudinally welded aluminium - adhesive - PE-RT) produced using SACP and OWC-technology.

WaterMark for hot and cold water plumbing applications.

Fire classification E according to EN 13501-1.

With pipe end caps as hygienic seal according EN 806.

APPLICATION

Tested/Approved according EN ISO 21003 Multilayer piping systems for hot and cold-water installations inside buildings for application class 1,2,4,5/10 bar.

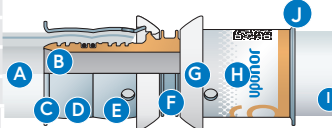
Tap water: The permanent operating temperature ranges from 0°C to 70°C at a maximum permanent operating pressure of 10 bar. The short-term malfunction temperature is 95°C for a period of 100 hours in the operating lifetime.

Heating: The permanent operating temperature ranges up to 80°C at a maximum permanent operating pressure of 10 bar. The short-term malfunction temperature is 100°C for a period of 100 hours in the operating lifetime.

UPONOR MULTILAYER S-PRESS FITTINGS

Compatible crimp jaws "U" profile

Item	Description
A	Uponor MLC or Uni Pipe PLUS composite pipe 16 – 32 mm
B	Flow-optimised design
C	Sleeve collar for press jaw centring
D	Stainless steel press sleeve
E	Inspection window for insertion depth
F	Fitting body made of PPSU
G	Press jaw stop
H	Press indicator film
I	Colour-coded dimensional marking
J	QR code for additional information



Fast and simple installation

Just three steps to the finished connection without deburring or calibrating: **Cut, Stick, Press**. The slim design of the finished connection also makes subsequent insulation easier.

Insert the Uponor composite pipe into the fitting.

1



The pipe must be cut square at a 90° angle, insert the pipe into the fitting. The pipe end does not have to be deburred or calibrated beforehand.

2 Apply the press jaw.



Ensure the pipe is visible through the inspection window the apply the press jaw with the same colour coding as the fitting to the press jaw guide in the stainless steel press sleeve.

3 The film can be easily removed after successful pressing.



After pressing, a clear deformation of the stainless steel press sleeve is visible. In addition, the film can be easily removed after successful pressing (visual inspection).

4 Unpressed connections are reliably detected.



Unpressed connections are reliably detected as leaky during the leak test due to the unpressed-untight function. An unpressed fitting also stands out clearly due to the indicator foil still being present on the stainless steel press sleeve.

Image	Code	Description	Pack	Unit
PIPE				
	UP1059572	UNI Pipe Plus MLC p/m (5m length), white S, 16x2mm	1	Ea
	UP1059573	UNI Pipe Plus MLC p/m (5m length), white S, 20x2.25mm	1	Ea
	UP1059574	UNI Pipe Plus MLC p/m (5m length), white S, 25x2.5mm	1	Ea
	UP1059575	UNI Pipe Plus MLC p/m (5m length), white S, 32x3mm	1	Ea
	UP1013446	UNI Pipe Plus MLC p/m (5m length), white S, 40x4mm	1	Ea
	UP1059576	UNI Pipe Plus MLC p/m (100m coil), white, 16x2mm	1	Ea
	UP1059577	UNI Pipe Plus MLC p/m (200m coil), white, 16x2mm	1	Ea
	UP1059579	UNI Pipe Plus MLC p/m (100m coil), white, 20x2.25mm	1	Ea
	UP1059581	UNI Pipe Plus MLC p/m (50m coil), white S, 25x2.5mm	1	Ea
	UP1059583	UNI Pipe Plus MLC p/m (50m coil), white, 32x3mm	1	Ea
	UP1059578	UNI Pipe Plus MLC p/m (500m coil), white, 16x2mm (Underfloor)	1	Ea
	UP1062181	UNI Pipe Plus MLC insulated p/m (75m coil), 16x2mm, S10 blue	1	Ea
	UP1062182	UNI Pipe Plus MLC insulated p/m (75m coil), 20x2.25mm, S10 blue	1	Ea
	UP1062183	UNI Pipe Plus MLC insulated p/m (50m coil), 25x2.5mm, S10 blue	1	Ea
	UP1094883	UNI Pipe Plus MLC insulated p/m (50m coil), 25x2.5mm, S13 blue	1	Ea
	UP1088239	UP UNI Pipe Plus insulated p/m (25m coil), 32x3mm, S15 blue	1	Ea


Image	Code	Description	Pack	Unit
UPONOR FITTINGS				
Straights Joiners				
	UP1039933	S-Press Plus PPSU straight joiner, 16x16mm	20	Ea
	UP1039934	S-Press Plus PPSU straight joiner, 20x20mm	10	Ea
	UP1039935	S-Press Plus PPSU straight joiner, 25x25mm	10	Ea
	UP1039936	S-Press Plus PPSU straight joiner, 32x32mm	10	Ea
	UP1046401	S-Press+ PPSU straight joiner, 40x40mm	10	Ea
Straight Reducers				
	UP1039937	S-Press Plus PPSU straight reducer, 20x16mm	20	Ea
	UP1039938	S-Press Plus PPSU straight reducer, 25x16mm	10	Ea
	UP1039939	S-Press Plus PPSU straight reducer, 25x20mm	10	Ea
	UP1039940	S-Press Plus PPSU straight reducer, 32x25mm	10	Ea
	UP1039941	S-Press PPSU straight reducer, 40x25mm	10	Ea
	UP1039942	S-Press+ PPSU straight reducer, 40x32mm	10	Ea
PPSU Elbows				
	UP1039929	S-Press Plus PPSU elbow, 16x16mm	20	Ea
	UP1039930	S-Press Plus PPSU elbow, 20x20mm	10	Ea
	UP1039931	S-Press Plus PPSU elbow, 25x25mm	10	Ea
	UP1039932	S-Press Plus PPSU elbow, 32x32mm	5	Ea
	UP1046386	S-Press PPSU elbow, 40x40mm, 90°	5	Ea
	UP1046388	S-Press PPSU elbow, 40x40mm, 45°	5	Ea
PPSU Equal Tees				
	UP1039944	S-Press Plus PPSU equal tee, 16x16x16mm	10	Ea
	UP1039945	S-Press Plus PPSU equal tee, 20x20x20mm	10	Ea
	UP1039946	S-Press Plus PPSU equal tee, 25x25x25mm	5	Ea
	UP1039947	S-Press Plus PPSU equal tee, 32x32x32mm	5	Ea
	UP1046390	S-Press+ PPSU equal tee, 40x40x40mm	5	Ea


Image	Code	Description	Pack	Unit
PPSU Reducing Tee				
	UP1039948	S-Press Plus PPSU reducing tee, 16x20x16mm	10	Ea
	UP1039949	S-Press Plus PPSU reducing tee, 20x16x16mm	10	Ea
	UP1039950	S-Press Plus PPSU reducing tee, 20x16x20mm	10	Ea
	UP1039951	S-Press Plus PPSU reducing tee, 20x20x16mm	10	Ea
	UP1039952	S-Press Plus PPSU reducing tee, 20x25x20mm	10	Ea
	UP1039953	S-Press Plus PPSU reducing tee, 25x16x16mm	10	Ea
	UP1039954	S-Press Plus PPSU reducing tee, 25x16x20mm	10	Ea
	UP1039955	S-Press Plus PPSU reducing tee, 25x16x25mm	10	Ea
	UP1039956	S-Press Plus PPSU reducing tee, 25x20x20mm	10	Ea
	UP1039957	S-Press Plus PPSU reducing tee, 25x20x25mm	10	Ea
	UP1039958	S-Press Plus PPSU reducing tee, 32x16x32mm	5	Ea
	UP1039959	S-Press Plus PPSU reducing tee, 32x20x32mm	5	Ea
	UP1039960	S-Press Plus PPSU reducing tee, 32x25x25mm	5	Ea
	UP1039961	S-Press Plus PPSU reducing tee, 32x25x32mm	5	Ea
	UP1039962	S-Press PPSU reducing tee, 40x20x40mm	5	Ea
	UP1039964	S-Press PPSU reducing tee, 40x25x40mm	5	Ea
	UP1039966	S-Press PPSU reducing tee, 40x32x40mm	5	Ea


Image	Code	Description	Pack	Unit
Straight Female				
	UP1070515	S-Press Plus straight female, 16mm x 1/2"	20	Ea
	UP1070516	S-Press Plus straight female, 20mm x 1/2"	15	Ea
	UP1070517	S-Press Plus straight female, 20mm x 3/4"	10	Ea
	UP1070520	S-Press Plus straight female, 25mm x 1"	20	Ea
	UP1070519	S-Press Plus straight female, 25mm x 3/4"	5	Ea
	UP1070521	S-Press Plus straight female, 32mm x 1"	5	Ea
	UP1070522	S-Press Plus straight female, 32mm x 1 1/4"	5	Ea
	UP1046903	S-Press+ straight female, 40mm x 1 1/4"	5	Ea
	UP1046904	S-Press+ straight female, 40mm x 1 1/2"	5	Ea
Straight Male				
	UP1070502	S-Press Plus straight male, 16mm x 1/2"	20	Ea
	UP1070504	S-Press Plus straight male, 20mm x 1/2"	20	Ea
	UP1070505	S-Press Plus straight male, 20mm x 3/4"	10	Ea
	UP1070508	S-Press Plus straight male, 25mm x 1"	10	Ea
	UP1070507	S-Press Plus straight male, 25mm x 3/4"	10	Ea
	UP1070509	S-Press Plus straight male, 32mm x 1	5	Ea
	UP1070510	S-Press Plus straight male, 32mm x 1 1/4"	5	Ea
	UP1046901	S-Press+ straight male, 40mm x 1 1/4"	5	Ea
	UP1046902	S-Press+ straight male, 40mm x 1 1/2"	5	Ea

Image	Code	Description	Pack	Unit
Adapter Swivel Nut				
	UP1070602	S-Press Plus adapter swivel nut, 16mm x 1/2"	30	Ea
	UP1070605	S-Press Plus adapter swivel nut, 20mm x 3/4"	20	Ea
	UP1070606	S-Press Plus adapter swivel nut, 25mm x 3/4"	15	Ea
	UP1070607	S-Press Plus adapter swivel nut, 25mm x 1"	15	Ea
	UP1070610	S-Press Plus adapter swivel nut, 32mm x 1 1/4"	10	Ea
	UP1046937	S-Press+ adapter swivel nut, 40mm x 1 1/2"	5	Ea
Female Elbow				
	UP1070541	S-Press Plus female elbow, 20mm x 3/4"	10	Ea
	UP1070542	S-Press Plus female elbow, 25mm x 3/4"	5	Ea
	UP1070543	S-Press Plus female elbow, 25mm x 1"	5	Ea
	UP1070544	S-Press Plus female elbow, 32mm x 1"	5	Ea
PPSU Reducing Tee				
	UP1070532	S-Press Plus male elbow, 16mm x 1/2"	20	Ea
	UP1070533	S-Press Plus male elbow, 20mm x 1/2"	10	Ea
	UP1070534	S-Press Plus male elbow, 20mm x 3/4"	10	Ea
	UP1070535	S-Press Plus male elbow, 25mm x 3/4"	5	Ea
	UP1070536	S-Press Plus male elbow, 25mm x 1"	5	Ea
	UP1070537	S-Press Plus male elbow, 32mm x 1"	5	Ea
	UP1046909	S-Press male elbow, 40mm x 1 1/4"	5	Ea





Image	Code	Description	Pack	Unit
PPSU Reducing Tee				
	UP1070596	S-Press Plus female tee, 20mmx1/2"x20mm	15	Ea
	UP1070598	S-Press Plus female tee, 25mmx1/2"x25mm	5	Ea
	UP1070599	S-Press Plus female tee, 25mmx3/4" RPx25mm	5	Ea
	UP1070600	S-Press Plus female tee, 32mm x 1/2"x32mm	5	Ea
	UP1046922	S-Press female tee, 40mmx1/2" RPx40mm	5	Ea
	UP1046923	S-Press female tee, 40mmx3/4" RPx40mm	5	Ea
Female Wingback				
	UP1070639	S-Press Plus female wingback, 16mm x 1/2"	10	Ea
	UP1070641	S-Press Plus female wingback, 20mm x 3/4"	5	Ea
	UP1070642	S-Press Plus female wingback, 25mm x 3/4"	5	Ea
Female Wingback				
	UP1070629	S-Press Plus female U -Tap wingback, 16mm x 1/2" x 16mm	5	Ea
Stop End				
	UP1070621	S-Press Plus stop end, 16mm	40	Ea
	UP1070622	S-Press Plus stop end, 20mm	20	Ea
	UP1070623	S-Press Plus stop end, 25mm	10	Ea
	UP1070624	S-Press Plus stop end, 32mm	5	Ea





Image	Code	Description	Pack	Unit
UPONOR TOOLS				
	UP1060167	MLC deburring pencil tool	1	Ea
	UP1015739	MLC tri-bevelling tool, 16/20/25mm	1	Ea
	UP1006830	multi pipe bevelling tool, 16mm	1	Ea
	UP1015749	multi pipe bevelling tool, 20mm	1	Ea
	UP1015756	multi pipe bevelling tool, 25mm	1	Ea
	UP1015762	multi pipe bevelling tool, 32mm	1	Ea
	UP1013729	MLC internal bending spring, internal, 16mm	1	Ea
	UP1013734	MLC internal bending spring, internal, 20mm	1	Ea
	UP1013737	MLC internal bending spring, internal, 25mm	1	Ea
	UP1013739	MLC internal bending spring, internal, 32mm	1	Ea
	UP1089674	multi pipe & conduit cutting tool, 12-25mm	1	Ea
	UP1089677	multi pipe cutting tool, 32-40mm	1	Ea

Image	Code	Description	Pack	Unit
	UP1089675	multi pipe cutting tool (wheel), 25-63mm	1	Ea
	UP1007084	S-Press Jaw UPP1 - 16mm "U Press"	1	Ea
	UP1007086	S-Press Jaw UPP1 - 20mm "U Press"	1	Ea
	UP1007087	S-Press Jaw UPP1 - 25mm "U Press"	1	Ea
	UP1007088	S-Press Jaw UPP1 - 32mm "U Press"	1	Ea
	UP1015768	S-Press Jaw UPP1 - 40mm "U Press"	1	Ea
ACCESSORIES				
	UP1089776	multi cutting tool blade, 12-25mm	1	Ea
	UP1089779	multi cutting tool blade, 32-40mm	1	Ea
	UP1089777	multi cutting tool wheel, 25-63mm	1	Ea

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