



## Product certificate K6415/21

Issued 2022-03-01

Replaces K6415/20

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### Metal fittings for the MLC and Unipipe PLUS piping system

#### STATEMENT BY KIWA

With this product certificate, issued in accordance with the Kiwa Regulations for Certification, Kiwa declares that legitimate confidence exists that the products supplied by

### UPONOR GmbH

as specified in this product certificate and marked with the Kiwa®-mark in the manner as indicated in this product certificate may, on delivery, be relied upon to comply with Kiwa evaluation guideline BRL-K536 G "Plastics piping systems of PE-RT/Al intended for transport of hot and cold drinking water" dated 15-12-2011, including amendment sheet dated 13-03-2018.

Ron Scheepers  
Kiwa

*This product certificate is only valid in combination with a KOMO certified plastics piping system  
Publication of this certificate is allowed.*

*Advice: consult [www.kiwa.nl](http://www.kiwa.nl) in order to ensure that this certificate is still valid.*

CERTIFICATE

287180711

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Certification process  
consists of initial and  
regular assessment of:

- quality system
- product

## Metal fittings for the MLC and Unipipe PLUS piping system

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### PRODUCT SPECIFICATION

The products mentioned below belong to this technical approval-with-product certificate.

#### S-Press Metal (Pipe diameters 14 mm) for MLC piping system (press profile KSP0 and UPP1)

##### S - Press Metal couplings with outer thread

Art. no.	D (mm)	Outer diameter
1014513	14	R 1/2

##### S - Press Metal couplings with inner thread

Art. no.	D (mm)	Outer diameter
1014515	14	Rp 1/2

##### S - Press Metal T-piece coupling adaptor

Art. no.	D (mm)	D1 (mm)
1014888	14	16
1014912	16	14
1014915	16	14

##### S - Press system adaptor couplings

Art. no.	D (mm)	D1 (mm)
1015156	14	14 RM
1015167	15	16 RM

##### S - Press coupling wallplate with round flange, short

Art. no.	D (mm)	Inner thread
1015437	14	Rp 1/2

##### S - Press couplings

Art. no.	D (mm)
1015154	14

##### S - Press couplings adaptors

Art. no.	D (mm)	D1 (mm)
1015162	16	14

##### S - Press Metal T-piece coupling

Art. no.	D (mm)
1014886	14

##### S - Press screw transition couplings (to be combined with pressscrew)

Art. no.	Outer thread	Inner thread
1013825	3/4	3/4

##### S - Press screw wallplate with round flange

Art. no.	Outer thread	Inner thread
1015559	1/2	Rp 1/2

## Metal fittings for the MLC and Unipipe PLUS piping system

**S - Press Metal (pipe diameters 40-75 mm) for MLC piping system (press profile KSP0 and UPP1)****S - Press coupling with outer thread**

Art. no.	D (mm)	Outer thread
1046901	40	R 1 1/4
1046902	40	R 1 1/2
1046905	50	R 1 1/2
1046906	50	R 2
1032895	63	R 2
1032896	75	R 2 1/2

**S - Press elbow coupling 90°**

Art. no.	D (mm)
1046908	40
1046911	50

**S - Press elbow coupling 90° with inner thread**

Art. no.	D (mm)	Inner thread
1046910	40	Rp 1 1/2
1046912	50	Rp 1 1/2

**S - Press T-piece coupling**

Art. no.	D (mm)
1046921	40
1046928	50

**S - Press T-piece coupling with inner thread**

Art. no.	D (mm)	Inner thread	D1 (mm)
1046922	40	Rp 1/2	40
1046923	40	Rp 3/4	40
1046929	50	Rp 1	50

**S - Press coupling**

Art. no.	D (mm)
1046932	40
1046935	50

**S - Press coupling with screw connecting end**

Art. no.	D (mm)	Inner thread
1046937	40	G 1 1/2
1046938	50	G 1 3/4
1046939	50	G 2

**S - Press coupling with inner thread**

Art. no.	D (mm)	Inner thread
1046903	40	Rp 1 1/4
1046904	40	Rp 1 1/2
1046907	50	Rp 1 1/2

**S - Press elbow coupling 90° with outer thread**

Art. no.	D (mm)	Outer thread
1046909	40	R 1 1/4

**S - Press elbow coupling 45°**

Art. no.	D (mm)
1046913	40
1046914	50

**S - Press T-piece coupling with M-fitting connecting end**

Art. no.	D (mm)	D1 (mm)	D2 (mm)
1046915 <sup>1)</sup>	32	50	32
1046916 <sup>1)</sup>	40	20	40
1046917 <sup>1)</sup>	40	25	32
1046918 <sup>1)</sup>	40	25	40
1046919 <sup>1)</sup>	40	32	32
1046920 <sup>1)</sup>	40	32	40
1046924 <sup>1)</sup>	50	25	40
1046925 <sup>1)</sup>	50	25	50
1046926 <sup>1)</sup>	50	32	50
1046927	50	40	50

**S - Press coupling with M-fitting connecting end**

Art. no.	D (mm)	D1 (mm)
1046930 <sup>1)</sup>	40	25
1046931 <sup>1)</sup>	40	32
1046933 <sup>1)</sup>	50	32
1046934	50	40

<sup>1)</sup> diameters > 32 mm S-press composite profil,  
diameters ≤ 32 mm S-press PLUS profil

## Metal fittings for the MLC and Unipipe PLUS piping system

## S-press PLUS Metal (pipe diameters 16-32 mm) for Unipipe PLUS and MLCP piping system (Press profile KSP0 and UPP1)

**S - Press PLUS adapter male thread**

Art. no.	D (mm)	Outer thread
1070501	16	R 3/8
1070502	16	R 1/2
1070503	16	R 3/4
1070504	20	R 1/2
1070505	20	R 3/4
1070506	20	R 1
1070507	25	R 3/4
1070508	25	R 1
1070509	32	R 1
1070510	32	R 1/4

**S-Press PLUS adapter female thread**

Art. no.	D (mm)	Inner thread
1070515	16	RP 1/2
1070516	20	RP 1/2
1070517	20	RP 3/4
1070518	20	RP 1
1070519	25	RP 3/4
1070520	25	RP 1
1070521	32	RP 1
1070522	32	RP 1 1/4

**S-Press PLUS elbow male thread**

Art. no.	D (mm)	Outer thread
1070531	16	R 3/8
1070532	16	R 1/2
1070533	20	R 1/2
1070534	20	R 3/4
1070535	25	R 3/4
1070536	25	R 1
1070537	32	R 1
1070538	16	R 3/8 10CU

**S-Press PLUS elbow 45°**

Art. no.	D (mm)
1070545	25-25
1070546	32-32

**S-Press PLUS tee**

Art. no.	D (mm)
1070560	16-16-16
1070561	20-20-20
1070562	25-25-25
1070563	32-32-32

**S-Press PLUS tee male thread**

Art. no.	D (mm)	Outer thread
1070592	16	R 1/2
1070593	25	R 3/4
1070594	32	R 3/4

**S-Press PLUS tee female thread**

Art. no.	D (mm)	Inner thread
1070595	16	RP 1/2
1070596	20	RP 1/2
1070597	20	RP 3/4
1070598	25	RP 1/2
1070599	25	RP 3/4
1070600	32	RP 1/2
1070601	32	RP 3/4

**S - Press PLUS adapter male thread Benelux**

Art. no.	D (mm)	
1070511	16	R15MM CU
1070512	20	R22MM CU
1070513	25	R22MM CU

**S-Press PLUS Elbow**

Art. no.	D (mm)
1070523	16-16
1070524	20-20
1070525	25-25
1070526	32-32

**S-Press PLUS Bend**

Art. no.	D (mm)
1070527	16-16
1070528	20-20
1070529	25-25
1070530	32-32

**S-Press PLUS elbow female thread**

Art. no.	D (mm)	Inner thread
1070539	16	RP 1/2
1070540	20	RP 1/2
1070541	20	RP 3/4
1070542	25	RP 3/4
1070543	25	RP 1
1070544	32	RP 1

**S-Press PLUS coupling**

Art. no.	D (mm)
1070547	16-16
1070548	20-20
1070549	25-25
1070550	32-32

**S-Press PLUS reducer**

Art. no.	D (mm)
1070552	20-16
1070553	25-16
1070554	25-20
1070555	32-20
1070556	32-25

**S-Press PLUS tee reducer**

Art. no.	D (mm)
1070566	16-20-16
1070567	20-16-16
1070568	20-16-20
1070569	20-20-16
1070570	20-25-16
1070571	20-25-20
1070572	25-16-16
1070573	25-16-20
1070574	25-16-25
1070575	25-20-16
1070576	25-20-20
1070577	25-20-25
1070578	25-25-16
1070579	25-32-25
1070580	32-16-32
1070581	32-20-32
1070582	32-25-25
1070583	32-25-32

## Metal fittings for the MLC and Unipipe PLUS piping system

**S-Press PLUS adapter swivel nut**

Art. no.	D (mm)	
1070602	16	G 1/2
1070603	16	G 3/4
1070604	20	G 1/2
1070605	20	G 3/4
1070606	25	G 3/4
1070607	25	G 1
1070608	25	G 1 1/4
1070609	32	G 1
1070610	32	G 1 1/4

**S-Press PLUS adapter**

Art. no.	D (mm)	
1070615	16-15CU	
1070616	20-18CU	
1070617	20-22CU	
1070618	25-22CU	
1070619	25-28CU	
1070620	32-28CU	

**S-Press PLUS U-tap elbow**

Art. no.	D (mm)	Inner thread
1070629	16	RP 1/2
1070630	20	RP 1/2
1070631	20	RP 1/2
1070632	16	RP 1/2
1070633	25	RP 1/2
1070634	25	RP 1/2
1070635	20	RP 1/2

**S-Press PLUS tap elbow XL**

Art. no.	D (mm)	Inner thread
1070646	16	RP 1/2
1070647	20	RP 1/2

**S-Press PLUS elbow adapter**

Art. no.	D (mm)	
1070650	16-15 CU	150 mm
1070651	16-12 CU	150 mm

**S-Press PLUS tap elbow LWC**

Art. no.	D (mm)	Inner thread
1070653	16	RP 1/2
1070654	16	RP 1/2

**S-Press PLUS elbow adapter UPS**

Art. no.	D (mm)	Inner thread
1070657	16	RP 1/2

**S-Press PLUS tee adapter Geberit**

Art. no.	D (mm)	Inner thread
1070659	16	G 1/2

**S-Press PLUS tap elbow mount. unit gemini**

Art. no.	D (mm)	Inner thread
1070663	16	RP 1/2 120 mm
1070664	16	RP 1/2 120 mm

**S-Press PLUS tap elbow gemini**

Art. no.	D (mm)	Inner thread
1070665	16	RP 1/2

**S-Press PLUS adapter**

Art. no.	D (mm)	
1070705	16-20CU	
1070706	16-12CU	
1070707	20-15CU	

**S-Press PLUS adapter male thread**

Art. no.	D (mm)	Outer thread
1091728	16	G 3/8

**S-Press PLUS elbow swivel nut**

Art. no.	D (mm)	
1070611	16	G 3/8
1070612	16	G 1/2
1070613	20	G 1/2
1070614	25	G 3/4

**S-Press PLUS stop end**

Art. No.	D (mm)	
1070621	16	
1070622	20	
1070623	25	
1070624	32	

**S-Press PLUS U-tap elbow mixer**

Art. no.	D (mm)	Outer thread
1070636	16-16	R 1/2
1070637	20-20	R 3/4

**S-Press PLUS tap elbow**

Art. no.	D (mm)	Inner thread
1070638	16	RP 3/8
1070639	16	RP 1/2
1070640	20	RP 1/2
1070641	20	RP 3/4
1070642	25	RP 3/4

**S-Press PLUS tap elbow long**

Art. no.	D (mm)	Inner thread
1070644	16	RP 1/2
1070645	20	RP 1/2

**S-Press PLUS tap elbow twin 90° long**

Art. no.	D (mm)	Inner thread
1070648	16	RP 1/2
1070649	20	RP 1/2

**S-Press Plus adapter wall penetr.**

Art. no.	D (mm)	Inner thread
1070652	16	RP 1/2

**S-Press PLUS U-tab elbow LWC**

Art. no.	D (mm)	Inner thread
1070655	16	RP 1/2 L=25
1070656	16	RP 1/2 L=35

**S-Press PLUS elbow flushing tank Geberit**

Art. no.	D (mm)	Inner thread
1070658	16	1/2

**S-Press PLUS tap elbow mount. unit**

Art. no.	D (mm)	Inner thread
1070661	16	RP 1/2
1070662	16	RP 1/2

**S-Press PLUS tap elbow mount. USP**

Art. no.	D (mm)	Inner thread
1070666	16	RP 1/2 150 mm

**S-Press PLUS adapter swivel nut**

Art. no.	D (mm)	
1070708	16	G 3/8

Metal fittings for the MLC and Unipipe PLUS piping system

RS-fittings (pipe diameters 63-110 mm) for modular system MLC piping system (press profile KSP0 and UPP1 for press ends)

**RS coupling**

Art. no.	Type
1029144	RS 2
1029145	RS 3

**RS elbow coupling**

Art. no.	Type
1029138	RS 2
1029139	RS 3

**RS elongation piece, 5 mm**

Art. no.	Type	L (mm)
1046750	RS 2	5
1046751	RS 3	5

**RS transition coupling**

Art. no.	Type
1029146	RS 3 / RS 2

**RS inner thread adapter coupling**

Art. no.	Type	Inner thread
1029134	RS 2	Rp 1
1029135	RS 2	Rp 2
1029136	RS 2	Rp 2 1/2
1029137	RS 3	Rp 3

**RS flange**

Art. no.	Type	DN
1029129	RS 3	80
1029130	RS 3	100

**RS T-piece coupling**

Art. no.	Type
1029142	RS 2
1029143	RS 3

**RS elbow coupling 45°**

Art. no.	Type
1029140	RS 2
1029141	RS 3

**RS elongation piece, long**

Art. no.	Type	L (mm)
1046477	RS 2	130
1046478	RS 3	210

**RS press adaptor coupling**

Art. no.	Type	D (mm)	
1046940	RS 2	40	(with Standard-fitting end)
1046941	RS 2	50	(with Standard-fitting end)
1029125	RS 2	63	
1029126	RS 2	75	
1029127	RS 3	90	
1029128	RS 3	110	

**RS outer thread adapter coupling**

Art. no.	Type	Outer thread
1029131	RS 2	R 2
1029132	RS 2	R 2 1/2
1029133	RS 3	R 3

**RS adapter**

Art. no.	type	Outer thread	D (mm)
1059402	RS 2	1/2	
1059403	RS 2	1/2	
1059404	RS 3	1/2	
1095818	RS 2		20
1095819	RS 2		25
1095820	RS 2		32

## Metal fittings for the MLC and Unipipe PLUS piping system

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### Uponor Uni-C and Uni-X fittings (pipe diameters 14-25 mm) for MLC piping system

#### Uponor Uni-C (14 mm – 25 mm)

##### Compression coupling Uponor-Konus

Art. no.	D (mm)	Inner thread
1058085	14	1/2
1058086	16	1/2
1058088	20	1/2

#### Uponor Uni-X

##### Compression coupling with metal tule

Art. no.	D (mm)
1048100	14 x 15
1048101	16 x 15
1048103	20 x 22
1089724	20 x 15
1048104	25 x 22

#### Uponor Uni-C Elbow 90° with outer thread

Art. no.	D (inch)
1013914	1/2 x 1/2
1014145	3/4 x 3/4

#### Uponor Uni-C

##### Elbow transition 90° (outer thread x inner thread)

Art. no.	D (inch)
1013932	1/2 x 1/2

#### Uponor Uni-X Compression coupling Euro-Konus

Art. no.	D (mm)	Inner thread
1058089	14	3/4
1058090	16	3/4
1058092	20	3/4
1058093	25	3/4

#### Uponor Uni-C T-piece with outer thread

Art. no.	D (inch)
1013946	1/2 x 1/2 x 1/2
1014147	3/4 x 3/4 x 3/4

#### Uponor Uni-X Double nipple outer thread

Art. no.	D (inch)
1013894	1/2 x 1/2
1006641	3/4 x 3/4

#### Uponor Uni-C Transition coupling (outer thread x inner thread)

Art. no.	D (inch)
1013907	1/2 x 1/2
1014143	3/4 x 3/4

## Metal fittings for the MLC and Unipipe PLUS piping system

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### Uponor RTM fittings (pipe diameters 16-32 mm) for MLC and Unipipe PLUS piping system

#### Uponor-RTM Equal / reducing union

Art. no.	D (mm)
1048573	25 x 16

#### Uponor-RTM Tee female end

Art. no.	D (mm)	Thread conf.
1048587	16	Rp ½
1048588	20	Rp ½
1048589	20	Rp ¾

#### Uponor-RTM Wall plate elbow

Art. no.	D (mm)	Thread conf.
1048596	16	Rp ½
1048597	20	Rp ½
1048598	20	Rp ¾

#### Uponor-CU adapter

Art. no.	D (mm)	Thread conf.
1048603	16	Cu 15
1057377	25	Cu 22

#### Uponor-RTM adapter nipples

Art. No.	D1 (mm)	Thread conf.
1062842	U16-15	G ½"
1062843	U20-22	W 1 ⅙"
1062844	U25-22	W 1 ⅙"

#### Uponor-RTM male thread adaptor

Art. no.	D (mm)	Thread conf.
1048566	16	R ½
1048567	20	R ½
1048568	20	R ¾
1048569	25	R ¾
1048570	25	R 1

#### Uponor-RTM female thread adaptor

Art. no.	D (mm)	Thread conf.
1048581	16	Rp ½
1048582	20	Rp ½
1048583	20	Rp ¾
1048584	25	Rp ¾
1048585	25	Rp 1

#### Uponor-RTM elbow with female thread

Art. no.	D (mm)	Thread conf.
1048590	16	Rp ½
1048591	20	Rp ½
1048592	20	Rp ¾
1048593	25	Rp ¾
1048594	25	Rp 1

#### Uponor-RTM elbow with male thread

Art. no.	D (mm)	Thread conf.
1048599	16	R ½
1048600	20	R ½
1048601	20	R ¾
1048602	25	R ¾

#### Uponor-RTM Euroconus adaptor

Art. no.	D (mm)	Thread conf.
1045604	16	G ¾
1045605	20	G ¾

#### Uponor Smart Aqua

Art. no.	D (mm)	Thread conf.
1057380	16	G ½ "

#### Uponor-RTM Swivel union nut

Art. no.	D (mm)	Thread conf.
1057375	16	G ½"
1057376	20	G ¾"



## Metal fittings for the MLC and Unipipe PLUS piping system

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### Fitness for contact with drinking water

This product is approved on the basis of the requirements for hygienic aspects set in the "Regeling materialen en chemicaliën drink- en warm tapwatervoorziening" ("Materials and chemicals in the supply of drinking water and warm tap water Regulation" dated 01-07-2017; published in the Government Gazette).






These hygienic aspects are based on two main criteria. The product shall permanently comply with:

- The product recipe approved during the assessment procedure. This recipe is not to be changed without prior approval by Kiwa according to the Kiwa approval procedure for the hygienic aspects;
- Specific product requirements for the hygienic aspects.


The recipe and specific product requirements are laid down in the for confidentiality reasons undisclosed 'appendix hygienic aspects' to this certificate.

### MARKING

The fittings shall be marked with the following

- "KIWA  " or, on small fittings only,  or  or  or KK (if not possible, then "KIWA  " only on the smallest packaging unit).
- manufacturer's name, trade name or logo;
- nominal outside diameter of the corresponding pipe in mm;
- production code.

The smallest packaging unit of the fittings must be provided with at least the following information:

- the word mark "KIWA ";
- manufacturer's name, trade name, system name, logo or certificate number of the accompanying technical approval(system)certificate, in accordance with the marking of the connecting pipe;
- nominal outside diameter and nominal wall thickness in mm of the connecting pipe.

\*) for small fittings marking with only KK is permitted

\*\*) only after approval by Kiwa

Method of marking:

- non-erasable;
- visible after assembly.

### APPLICATION AND USE

The products are intended to be used for piping systems for floor heating with an operating temperature profile according to class 2 of ISO 10508 and an allowable working pressure of maximum 10 bar.

### RECOMMENDATIONS FOR CUSTOMERS

Check at the time of delivery whether:

- the supplier has delivered in accordance with the agreement;
- the mark and the marking method are correct;
- the products show no visible defects as a result of transport etc.

If you should reject a product on the basis of the above, please contact:

- UPONOR GmbH

and, if necessary,

- Kiwa Nederland B.V.

Consult the supplier's processing guidelines for the proper storage and transport methods.