



Product certificate K6415/22

Issued 2024-04-01

Replaces K6415/21

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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 Kiwa certified plastics piping system.

Publication of this certificate is allowed.

Advice: consult www.kiwa.nl in order to ensure that this certificate is still valid.

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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

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 wall plate with round flange

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

Product code	description
1046906	Adaptor male thread 50 x R2" MT
1046935	Coupling 50 mm x 50 mm
1046937	Adaptor swivel nut 40 mm x G1 1/2" SN
1046938	Adaptor swivel nut 50 mm x G1 3/4" SN
1046939	Adaptor swivel nut 50 mm x G2" SN

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)
1046916 ¹⁾	40	20	40
1046917 ¹⁾	40	25	32
1046918 ¹⁾	40	25	40
1046919 ¹⁾	40	32	32
1046920 ¹⁾	40	32	40
1046924 ¹⁾	50	25	40
1046925 ¹⁾	50	25	50
1046926 ¹⁾	50	32	50
1046927	50	40	50

S - Press coupling with M-fitting connecting end

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

¹⁾ diameters > 32 mm S-press composite profile,
diameters ≤ 32 mm S-press PLUS profile

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 threat
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 threat
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 threat
1070653	16	RP 1/2
1070654	16	RP 1/2

S-Press PLUS elbow adapter UPS

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

S-Press PLUS tee adapter Geberit

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

S-Press PLUS tap elbow mount. unit gemini

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

S-Press PLUS tap elbow twin 90° long

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

S-Press Plus adapter wall penetr.

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

S-Press PLUS U-tab elbow LWC

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

S-Press PLUS tap elbow mount. unit

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

S-Press PLUS tap elbow mount. USP

Art. no.	D (mm)	Inner threat
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

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

Sliding connectors Uponor S-Press Plus

1118706	Sliding Coupling 16 - 16
1118707	Sliding Coupling 20 - 20
1118708	Sliding Coupling 25 - 25
1118709	Sliding coupling 32 - 32
1118710	Sliding coupling 40 - 40

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-X Double nipple outer thread

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

Metal fittings for the MLC and Unipipe PLUS piping system

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 ⅝"
1062844	U25-22	W 1 ⅝"

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.
1048604	16	G ¾
1048605	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

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 designed for drinking water installations with a lifetime of 50 years at 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.