

## Product certificate K6434/06

Issued 2022-03-01

Replaces K6434/05

Page 1 of 4

### Metal fittings for PE-X plastic piping system for the transport of drinking water

#### 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 D "Plastic piping systems of PE-X for hot and cold drinking water" dated **15-12-2011 inclusive amendment sheet dated 10-03-2015**.

Ron Scheepers  
Kiwa

*Publication of this certificate is allowed*

*This product certificate is only valid in combination with a Kiwa certified plastics piping system*

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

CERTIFICATE

287180711

#### Kiwa Nederland B.V.

Sir Winston Churchillaan 273  
Postbus 70  
2280 AB RIJSWIJK  
The Netherlands  
Tel. +31 88 998 44 00  
Fax +31 88 998 44 20  
[NL.Kiwa.info@Kiwa.com](mailto:NL.Kiwa.info@Kiwa.com)  
[www.kiwa.nl](http://www.kiwa.nl)

#### Company

UPONOR GmbH  
Industriestrasse 56  
97437 HASSFURT  
Germany  
[www.uponor.com](http://www.uponor.com)



Certification process  
consists of initial and  
regular assessment of:

- quality system
- product

## Metal fittings for PE-X plastic piping system for the transport of drinking water

### PRODUCT SPECIFICATION

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

#### Metal fittings for the Q & E system

##### Adapter male thread

Art. no.	D (mm)	Outer thread
1023003	16	R 1/2
1023004	16	R 3/4
1023005	20	R 1/2
1023006	20	R 3/4
1023007	25	R 3/4
1023008	25	R 1
1047191	32	R 1

##### Adapter male thread

Art. no.	D (mm)	Inner thread
1023009	16	Rp 1/2
1023010	20	Rp 1/2
1023011	20	Rp 3/4
1023012	25	Rp 3/4
1023013	25	Rp 1
1047866	32	Rp 1

##### Adapter swivel nut

Art. no.	D (mm)	Inner thread
1023014	16	G 1/2
1023015	20	G 1/2
1023016	20	G 3/4
1023017	25	G 3/4
1023018	25	G 1
1058466	12	G 1/2

##### Straight couplings

Art. no.	D (mm)
1047193	16 x 16
1047194	20 x 20
1047195	25 x 25

##### Coupling

Art. no.	D (mm)
1058467	12 x 12

##### Reducer

Art. no.	D (mm)
1047875	32-25
1058468	16-12

##### Elbow adapter 90° male thread

Art. no.	D (mm)	outer thread
1023019	16	G 1/2
1023020	20	G 1/2
1023021	20	G 3/4
1023022	25	G 3/4
1058471	12	G 3/8
1058472	12	G 1/2

##### Elbow adapter 90° female thread

Art. no.	D (mm)	inner thread
1023023	16	Rp 1/2
1023024	20	Rp 1/2
1023025	20	Rp 3/4
1023026	25	Rp 3/4

##### Elbow 90°

Art. no.	D (mm)
1047197	16 x 16
1047198	20 x 20
1047199	25 x 25

1058470 12 x 12

##### Tee adapter female thread

Art. no.	D (mm)	inner thread
1047201	32	RP 1
1047885	16	RP 1/2
1047886	20	RP 1/2
1047887	25	RP 1/2
1047888	25	RP 3/4

##### Adapter for soldering

Art. no.	D (mm)
1047938	16 x 12
1047940	20 x 18
1047941	20 x 22
1023040	16 x 15
1023041	20 x 15
1023042	25 x 22
1085248	12 x 15

##### Tee reducer

Art. No.	D (mm)
1058477	16 x 12 x 12
1058478	16 x 12 x 16
1058479	16 x 16 x 12

##### Tee

Art. No.	D (mm)
1058475	12 x 12 x 12

##### Smart Aqua U-tap elbow

Art. No.	D (mm)	Inner thread
1059820	16	RP 1/2
1059821	20	RP 1/2

##### Adapter DR S-press

Art. No.	D (mm)
1062845	16 x 16
1062846	20 x 20
1062861	25 x 25

##### Smart aqua tap elbow

Art. No.	D (mm)	Inner thread
1095355	12	RP 1/2
1059822	16	RP 1/2
1059823	20	RP 1/2

##### Smart radi elbow adapter plated

Art. No.	D (mm)	
1023045	16 x 15	L = 300 mm
1023046	20 x 15	L = 300 mm

##### Manifold male female thread

Art. No.	D (mm)	
1023027		3/4"MT/FT 2X16 c/c35mm
1023028		3/4"MT/FT 3X16 c/c35mm
1023029		PL 3/4"MT/FT 4X16 c/c35mm

##### Smart Radi elbow adapter plated

Art. No.	D (mm)	
1023047	16 x 15	L = 1100 mm
1023049	16 x 15	L = 300 mm
1023050	20 x 15	L = 300 mm

## Metal fittings for PE-X plastic piping system for the transport of drinking water

---

### Metal Wipex fittings

#### **Fix point bushing**

Art. no.	D (inch)
1018302	G1
1018303	G1 1/4
1018304	G2
1018305	G3

#### **Coupling PN 10**

Art. No.	D
1018336	25 x 2,5 - G1
1018338	32 x 4,4 - G1
1018339	40 x 5,5 -G1 1/4
1018340	50 x 6,9 -G1 1/4
1018341	63 x 8,6 - G2
1018342	75 x 10,3 - G2
1018343	90 x 12,3 - G3
1023170	110 x 15,1-G3

#### **T-piece couplings**

Art. no.	D (inch)
1018345	G1-G1-G1
1018346	G1 1/4-G1 1/4-G1 1/4
1018347	G2-G2-G2
1018348	G3-G3-G3

#### **Elbow couplings**

Art. no.	D (inch)
1018350	G1-G1
1018351	G1 1/4-G1 1/4
1018352	G2-G2
1018353	G3-G3

#### **Flange couplings**

Art. no.	D
1018359	F25/4-85/G1
1018360	F32/4-100/G1 1/4
1018361	F40/4-110/G1 1/2
1018362	F50/4-125/G2
1018363	F65/8-145/2 1/2
1018364	F80/8-160/G3
1018365	F100/8-180/G4

#### **Reducer male x female**

Art. no.	D male x female (inch)
1018368	G1 1/4-G1
1018369	G1 1/2-G1 1/4
1018371	G2-G1
1018372	G2-G1 1/4
1018373	G2 1/2-G2
1018374	G3-G1
1078375	G3-G1 1/4
1018376	G3-G2
1009052	G4-G3

#### **Jointing equal PN10**

Art. no.	D (mm)
1042970	25 x 3,5-25 x 3,5
1042974	32 x 4,4 – 32 x 4,4
1042979	40 x 5,5-40 x 5,5
1042982	63 x 8,6 - 63 x 8,6
1042983	50 x 6,9-50 x 6,9

#### **Swivel union**

Art. no.	D (mm)
1045455	G1
1045456	G1 1/4-G1
1045457	G1 1/4
1045458	G2-G1 1/4
1045459	G2
1045460	G3-G2
1045461	G3

#### **Sleeve**

1018355	G1-G1
1018356	G1 1/4-G1 1/4
1018357	G2-G2
1018358	G3-G3

#### **RS adapter PN10**

Art. no.	D (mm)
1047017	63X8,6 RS2
1047018	75X10,3 RS2
1047019	90X12,3 RS3
1047020	110X15,1 RS3

## Metal fittings for PE-X plastic piping system for the transport of drinking water

---

### 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 minimum required marking on the fittings shall be:

- **KIWA**  or on small products  or  or **KK**\* or **KK**\* (if not possible **KIWA**  only on the smallest packaging unit)\*\*;
- Kiwa (if not possible Kiwa only on the smallest packaging);
- the manufacturer's name, trade name or logo;
- nominal outside diameter of the corresponding pipe;
- production code.

Location of the marks: on every fitting.

The realization of the marks is as follows: clear, durable and indelible.

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

- **KIWA** ;
- certificate number of the accompanying technical approval-with-product certificate of the piping system, according the marking of the belonging pipe;
- the manufacturer's name, trade name, system name or logo;
- material identification if the fitting body is made of plastics;
- nominal outside diameter and nominal wall thickness of the corresponding pipe in mm.

Location of the marks: on every package.

The realization of the marks is as follows: clear, durable and indelible on every packaging.

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

\*\*) only after approval by Kiwa.

### 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.