



## Product certificate K88416/04

Issued 2021-08-15

Replaces K88416/03

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### Metal Fittings for Multilayer Piping Systems

#### 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

#### Valsir S.p.a.

as specified in this product certificate and marked with the Kiwa<sup>®</sup>-mark in the manner as indicated in this product certificate may, on delivery, be relied upon to comply with Kiwa evaluation guideline

**BRL-K536 E “Plastic piping systems of PE-X/Al for hot and cold drinking water”**, dated 15-12-2011 inclusive amendment sheet dated 13-03-2018.

Ron Scheepers  
Kiwa

*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

207180711

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Certification process  
consists of initial and  
regular assessment of:

- quality system
- product

Metal Fittings for Multilayer Piping Systems

**PRODUCT SPECIFICATION**

The products mentioned below belong to this product certificate.

Description	Dimension						
	16	20	26	32	40	50	63
Intermediate coupling	x	x	x	x	x	x	x
Reducing coupling		20/16	26/16 26/20	32/16 32/20 32/26	40/26 40/32	50/32 50/40	63/40 63/50
Threaded coupling (female)	½ ¾	½ ¾	¾ 1	1	1 ¼ 1 ½	1 ½	2
Threaded coupling (male)	½ ¾	½ ¾	½ ¾ 1	1	1 ¼ 1 ½	1 ½ 2	2
45° Elbow					x	x	x
Elbow	x	x	x	x	x	x	x
Threaded elbow (male)	½	½ ¾	¾ 1	1	1 ¼ 1 ½	1 ½ 2	2
Threaded elbow (female)	½	½ ¾	¾ 1	1	1 ¼ 1 ½	1 ½ 2	2
Union tee	x	x	x	x	x	x	x
Reducing union tee	16-20-16	20-16-16 20-16-20 20-20-16 20-26-20	26-16-26 26-20-20 26-20-26 26-26-20	32-16-32 32-20-32 32-26-26 32-26-32	40-20-40 40-26-40 40-32-32 40-32-40 40-40-32	50-26-50 50-32-50 50-40-50	63-32-63 63-40-63 63-50-63
Threaded union tee (female)	16-½-16	20-½-20 20-¾-20	26-¾-26	32-¾-32 32-1-32	40-1 ¼-40	50-1 ¼-50 50-1 ½-50	63-2-63
Wingback elbow	½	½ ¾	¾				
Low wingback elbow	½						
Swivel adaptor for manifolds with conic end	½						
Swivel adaptor for manifolds with flat end	3/8 ½ ¾	½ ¾	¾ 1	1	1 ¼	1 ½	2
Adaptor for copper	x	x					
Elbow fitting for connection to copper	x	x					
Transition fitting for PEX pipe	x	x					

## Metal Fittings for Multilayer Piping Systems

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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 Kiwa®-mark products are marked with the word mark.

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)\*\*;

- Manufacturer's name, trade name or logo;
- Nominal outside diameter of the corresponding pipe, in mm;
- Production code.

Location of the marks: on every fitting.

The realisation 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**  ;

- 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 of the corresponding pipe, in mm.

Location of the marks: on every package.

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

\*) 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 applied in piping systems for hot and cold water distribution at a maximum operating pressure of 8 or 10 bar (9 or 11 bar absolute or 8 or 10 bar overpressure), under the conditions mentioned in table 1 of BRL-K536E. The products shall be used with Kiwa certified pipes.

### 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:

- Valsir S.p.a.
- and, if necessary,
- Kiwa Nederland B.V.

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