



## Product certificate **K13895/04**

Issued 2020-01-01

Replaces K13895/03

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### **TECEflex fittings**

#### 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

### **TECE 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 "Plastics piping systems of PE-X intended for transport of hot and cold drinking water" dated 15-12-2011, inclusive amendment sheet dated 10-03-2015.

Ronald Karel  
Kiwa

*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.*

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**Certification process  
consists of initial and  
regular assessment of:**

- quality system
- product

## TECEflex fittings

### PRODUCT SPECIFICATION

PPSU sliding sleeve fittings according to BRL-K 536 part D: Plastics piping systems of PE-X intended for the transport of cold and heated drinking water. The fittings are also suitable for plastics piping systems of PE-X/Al according to BRL K536 part E.

The fittings are suitable for the pipe dimensions as indicated in the table below.

PE-X Pipes		PE-X/Al Pipes	
Nominal outside diameter (mm)	Wall thickness (mm)	Nominal outside diameter (mm)	Wall thickness (mm)
16	2,0	17 *	2,75
20	2,8	21 *	3,45
25	3,5	26 *	4,0
32	4,0	32	4,0
40	4,0	40	4,0

Colour fittings: Black;

Colour Sleeves: For PE-X/Al pipes: Brass;  
For PE-X pipes: Nickel-plated.

\*with reduced sleeve thickness

### 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 products are marked with the Kiwa-mark.

### Fittings

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.

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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;
- material identification in case the fitting body is made of plastics.

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

### LOGISTICS

Production and assembly of the system is laid down in the annex of the certification agreement.

### APPLICATION AND USE

The piping system is intended to be used for the transport of cold and hot drinking water according to a temperature profile 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:

- TECE GmbH
- and, if necessary,
- Kiwa Nederland B.V.

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