



Product certificate K13895/05

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Replaces K13895/04

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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.

Ron Scheepers
Kiwa

*This product certificate is only valid in combination with a Kiwa certified plastics piping system.
Advice: consult www.kiwa.nl in order to ensure that this certificate is still valid.*

CERTIFICATE

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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.