



Product certificate K92050/03

Issued 2019-08-15

Replaces K92050/02

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KELOX PROtec PPSU Push Fittings and KELOX KWX PPSU press 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

KE KELIT Kunststoffwerk 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, inclusive amendment sheet dated 13-03-2018.

Ronald Karel
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

TECHNICAL SPECIFICATION**Subject**

KELOX PROtec PPSU Push and KELOX KWx PPSU press fittings.

Product characteristics

The product complies to BRL K536-G Plastics piping systems of PE-RT/Al intended for transport of hot and cold drinking water.

Specification

The fittings are suitable for the pipe dimensions stated in the tables below

KELOX PROtec PPSU push fittings

Nominal outside diameter (mm)	Wall thickness (mm)	Wall thickness aluminium (mm)
16	2,0	0,20
20	2,25	0,24
25	2,5	0,30

KELOX KWx PPSU press fittings

Nominal outside diameter (mm)	Wall thickness (mm)	Wall thickness aluminium (mm)
16	2,0	0,20
20	2,0	0,24
20	2,25	0,24
25	2,5	0,30
26	3,0	0,30
32	3,0	0,35

Colour:

- KELOX PROtec PPSU push fittings: natural / beige
- KELOX KWx PPSU press fittings: natural / beige

Remarks:

- Two KELOX KWx PPSU press fitting types, MM and MC
- The jointing of the KELOX KWx PPSU press fittings is made by special crimping tools, with press contour:
 - MM fitting: "TH, H and U";
 - MC fitting: "U".

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

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)**;
- 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.

Logistics

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

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:

- KE KELIT Kunststoffwerk GmbH
- and, if necessary,
- Kiwa Nederland B.V.

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