

KOMO® Product certificate K92053/03



Issued	2021-08-15	Replaces	K92053/02
Valid until	Indefinite	Dated	2019-08-15
Page	1 of 3		

KELOX PROtec PPSU push and KELOX KWX PPSU press fittings KE KELIT GmbH

STATEMENT BY KIWA

This product certificate is issued on the basis of BRL 5611 "Plastics piping systems of PE-RT/Al intended for heating installations: radiator connections" dated 25 October 2016, conform the Kiwa-Regulations for Certification.

The quality system and product characteristics in association with KELOX PROtec PPSU push and KELOX KWX PPSU press fittings are assessed periodically.

On this basis Kiwa declares that a justified confidence exists, that the KELOX PROtec PPSU push and KELOX KWX PPSU press fittings delivered by the certificate holder at delivery fulfil:

- the technical specification laid down in this product certificate,
 - the product requirements as laid down in this product certificate and in the BRL.
- provided that KELOX PROtec PPSU push and KELOX KWX PPSU press fittings has been marked with the KOMO®-mark in a manner as indicated in this product certificate;

The essential requirements, as laid down in the relevant European Standard and the accompanying assessment of the quality system of these requirements are excluded from this statement.

Ron Scheepers
Kiwa

This product certificate is only valid in combination with a KOMO certified plastics piping system.

This product certificate is also included on the KOMO foundation websites: www.komo.nl and www.komo-online.nl.

Users of this product certificate is advised to check whether it is still valid. For this purpose consult the website of Kiwa: www.kiwa.nl.

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Assessed is:

- Quality system
- Product
- Periodic control

KELOX PROtec PPSU push and KELOX KWX PPSU press fittings

TECHNICAL SPECIFICATION

Subject

KELOX PROtec PPSU Push and KELOX KWX PPSU press fittings.

Product characteristics

The product complies to BRL 5611 Plastics piping systems of PE-RT/Al intended for heating installations: radiator connections.

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 aluminum layer (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".

KELOX PROtec PPSU push and KELOX KWX PPSU press fittings

Marking

The products shall be marked with the KOMO® mark.

Fittings

The minimum required marking on the fittings shall be:

- KOMO (if not possible KOMO 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 minimum required marking on the smallest packaging unit of the fittings shall be:

- KOMO (or KOMO® word mark);
- 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.

Logistics

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

APPLICATION AND USE

The products are intended to be used for piping systems for heating installations: radiator connections and floor heating systems with a lifetime of 50 years at an operating temperature profile according to class 4/ 5 of ISO 10508 and an allowable working pressure of maximum 10 bar.

TIPS FOR THE USER

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 delivery on the basis of the above, please contact:

- KE KELIT Kunststoffwerk GmbH

and, if necessary:

- Kiwa Nederland B.V.

For the proper storage, transport and processing consult the instructions of the certificate holder.

