



KOMO® Product certificate K-0218145



Issued 2024-08-01 Replaces n/a
Valid until Indefinite Dated n/a
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Metal press fittings for plastic and multilayer piping systems

L'Isolante K-FLEX S.p.A.

STATEMENT BY KIWA

This product certificate is based on Guideline BRL 5611 : "Plastics piping systems of PE-RT /AI intended for heating installations: radiator connections", dated 25 October 2016, issued according to the Kiwa-Regulation for Certification.

The quality system and the product characteristics of this product are checked periodically. Based on this, **Kiwa declares that** there is legitimate confidence that:

Upon delivery, the product supplied by the certificate holder meets the requirements:

- Of the technical specifications laid down in this product certificate,
- The product requirements laid down in this product certificate and in the Guideline / BRL.

Provided the metal fittings are accompanied by the KOMO® quality mark in the manner set out in this product certificate.

Ron Scheepers
Kiwa

47320612

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

K-FLEX Metal press fittings for plastic and multilayer piping systems

TECHNICAL SPECIFICATION

K-FLEX Metal fittings for plastic and multilayer piping systems, used in combination with the K-FLEX plastic or multilayer piping, according to BRL-K5611: "Plastics piping systems of PE-RT /Al intended for heating installations: radiator connections". The press fittings are configured with a TH-H-U or F contour press profile.

Description	Size	Description	Size	Description	Size
Equal straight	S16X16	Male straight	S16X1/2M	Female straight	S16X1/2F
Equal straight	S20X20	Male straight	S16X3/4M	Female straight	S16X3/4F
Equal straight	S25X25	Male straight	S20X1/2M	Female straight	S20X1/2F
Equal straight	S26X26	Male straight	S20X3/4M	Female straight	S20X3/4F
Equal straight	S32X32	Male straight	S20X1M	Female straight	S25X1/2F
		Male straight	S25X1/2M	Female straight	S25X3/4F
Unequal straight	S20X16	Male straight	S25X3/4M	Female straight	S25X1F
Unequal straight	S25X16	Male straight	S25X1M	Female straight	S26X1/2F
Unequal straight	S26X16	Male straight	S26X1/2M	Female straight	S26X3/4F
Unequal straight	S25X20	Male straight	S26X3/4M	Female straight	S26X1F
Unequal straight	S26X20	Male straight	S26X1M	Female straight	S32X1F
Unequal straight	S32X25	Male straight	S32X1M		
Unequal straight	S32X26	Male straight	S32X11/4M	Male elbow	L16X1/2M
				Male elbow	L16X3/4M
Female elbow	L16X1/2F	Equal elbow	L16X16	Male elbow	L20X1/2M
Female elbow	L16X3/4F	Equal elbow	L20X20	Male elbow	L20X3/4M
Female elbow	L20X1/2F	Equal elbow	L25X25	Male elbow	L25X3/4M
Female elbow	L20X3/4F	Equal elbow	L26X26	Male elbow	L25X1M
Female elbow	L25X3/4F	Equal elbow	L32X32	Male elbow	L26X3/4M
Female elbow	L25X1F			Male elbow	L26X1M
Female elbow	L26X3/4F	Equal tee	T16X16X16	Male elbow	L32X1M
Female elbow	L26X1F	Equal tee	T20X20X20		
Female elbow	L32X1F	Equal tee	T25X25X25	Unequal tee	T16X20X16
		Equal tee	T26X26X26	Unequal tee	T20X16X20
Male tee	T16X1/2MX16	Equal tee	T32X32X32	Unequal tee	T20X16X16
Male tee	T20X1/2MX20			Unequal tee	T20X20X16
Male tee	T20X3/4MX20	Female tee	T16X1/2FX16	Unequal tee	T25X16X25
Male tee	T25X1MX25	Female tee	T20X1/2FX20	Unequal tee	T20X25X20
Male tee	T26X1MX26	Female tee	T20X3/4FX20	Unequal tee	T25X20X25
Male tee	T32X1MX32	Female tee	T25X1/2FX25	Unequal tee	T25X20X16
		Female tee	T25X3/4FX25	Unequal tee	T25X16X20
Elbow with plate	L16X1/2F(A)	Female tee	T26X1/2FX26	Unequal tee	T25X20X20
Elbow with plate	L20X1/2F(A)	Female tee	T26X3/4FX26	Unequal tee	T25X25X20
		Female tee	T25X1FX25	Unequal tee	T26X16X26
		Female tee	T32X3/4FX32	Unequal tee	T20X26X20
		Female tee	T32X1FX32	Unequal tee	T26X20X26
				Unequal tee	T26X20X16
				Unequal tee	T32X16X32
				Unequal tee	T32X20X32
				Unequal tee	T32X25X32



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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.

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.

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

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.

RECOMMENDATION FOR THE CUSTOMER

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:

- L'Isolante K-FLEX S.p.A.

and, if necessary:

- Kiwa Nederland B.V.

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

In the context of this product certificate no assessment is performed to the correctness of the performance of the essential characteristics.

The statements in this product certificate may not be used to replace the CE marking and/or the corresponding mandatory Declaration of Performance.

