



KOMO[®]

product certificate



Number	K22567/02	Replaces	K22567/01
Issued	2015-08-01	Dated	2002-09-01
Valid until	Indefinite	Page	1 of 4

Metal Fittings for Multilayer Piping Systems

Valsir S.p.a.

STATEMENT BY KIWA

This product certificate is issued on the basis of BRL 5610: "Plastics piping systems of PE-X /Al intended for heating installations: radiator connections" issued on 1 June 2008, including alteration sheet dated 7 June 2012, by Kiwa, in accordance with the Kiwa Regulations for Product Certification.

Kiwa declares that legitimate confidence exists that the metal fittings manufactured by the producer comply with the technical specifications as laid down in this product certificate, provided that the metal fittings have been marked with the KOMO[®]-mark in the manner as indicated in this product certificate.

Bouke Meekma
Kiwa

The certificate is listed in the overview on the website of Stichting KOMO: www.komo.nl.
Advice: consult www.kiwa.nl in order to ensure that this certificate is still valid.
This product certificate is only valid in combination with a KOMO certified plastics piping system.

Holder of Certificate
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Evaluated is:
quality system
product
Periodic inspection

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Metal Fittings for Multilayer Piping Systems

PRODUCT SPECIFICATION

The products mentioned below belong to the certificate.

ARTICLE NUMBER	DESCRIPTION
VS0170003	INTERMED.STRAIGHT FITTING 16X2 - 16X2
VS0170009	INTERMED.STRAIGHT FITTING 20X2 - 20X2
VS0170013	INTERMED.STRAIGHT FITTING 26 - 26
VS0170015	INTERMED.STRAIGHT FITTING. 32 - 32
VS0170119	REDUCED STRAIGHT FITTING 20X2 - 16X2
VS0170127	REDUCED STRAIGHT FITTING 26 - 16X2
VS0170131	REDUCED STRAIGHT FITTING 26 - 20X2
VS0170143	REDUCED STRAIGHT FITTING 32 - 16X2
VS0170145	REDUCED STRAIGHT FITTING 32 - 20X2
VS0170149	REDUCED STRAIGHT FITTING 32 - 26
VS0170159	REDUCED STRAIGHT FITTING 40 - 26
VS0170161	REDUCED STRAIGHT FITTING 40 - 32
VS0170171	REDUCED STRAIGHT FITTING 50 - 32
VS0170205	STRAIGHT MALE FITTING 16X2 X 1/2"
VS0170209	STRAIGHT MALE FITTING 16X2 X 3/4"
VS0170213	STRAIGHT MALE FITTING 16X2 X 5/8"
VS0170221	STRAIGHT MALE FITTING 20X2 X 1/2"
VS0170225	STRAIGHT MALE FITTING 20X2 X 3/4"
VS0170231	STRAIGHT MALE FITTING 26 X 1"
VS0170233	STRAIGHT MALE FITTING 26 X 1/2"
VS0170235	STRAIGHT MALE FITTING 26 X 3/4"
VS0170239	STRAIGHT MALE FITTING 32 X 1"
VS0170305	STRAIGHT FEMALE FITTING 16X2 X 1/2"
VS0170309	STRAIGHT FEMALE FITTING 16X2 X 3/4"
VS0170321	STRAIGHT FEMALE FITTING 20X2 X 1/2"
VS0170325	STRAIGHT FEMALE FITTING 20X2 X 3/4"
VS0170331	STRAIGHT FEMALE FITTING 26 X 1"
VS0170335	STRAIGHT FEMALE FITTING 26 X 3/4"
VS0170339	STRAIGHT FEMALE FITTING 32 X 1"
VS0170403	INTERM.ELBOW FITTING 16X2 - 16X2
VS0170409	INTERM.ELBOW FITTING 20X2 - 20X2
VS0170413	INTERM.ELBOW FITTING 26 - 26
VS0170415	INTERM.ELBOW FITTING 32 - 32
VS0170505	MALE ELBOW FITTING 16X2 X 1/2"
VS0170513	MALE ELBOW FITTING 16X2 X 3/4"
VS0170521	MALE ELBOW FITTING 20X2 X 1/2"
VS0170525	MALE ELBOW FITTING 20X2 X 3/4"
VS0170531	MALE ELBOW FITTING 26 X 1"
VS0170535	MALE ELBOW FITTING 26 X 3/4"
VS0170539	MALE ELBOW FITTING 32 X 1"
VS0170605	FEMALE ELBOW FITTING 16X2 X 1/2"
VS0170621	FEMALE ELBOW FITTING 20X2 X 1/2"
VS0170625	FEMALE ELBOW FITTING 20X2 X 3/4"
VS0170631	FEMALE ELBOW FITTING 26 X 1"
VS0170635	FEMALE ELBOW FITTING 26 X 3/4"
VS0170639	FEMALE ELBOW FITTING 32 X 1"
VS0170703	INTERMED.UNION TEE 16X2 - 16X2 - 16X2
VS0170709	INTERMED.UNION TEE 20X2 - 20X2 - 20X2
VS0170713	INTERMED.UNION TEE 26 - 26 - 26

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VS0170715	INTERMED.UNION TEE 32 - 32 - 32
VS0170807	REDUCED UNION TEE 16X2 - 20X2 - 16X2
VS0170815	REDUCED UNION TEE 20X2 - 16X2 - 16X2
VS0170819	REDUCED UNION TEE 20X2 - 16X2 - 20X2
VS0170825	REDUCED UNION TEE 20X2 - 20X2 - 16X2
VS0170829	REDUCED UNION TEE 20X2 - 26 - 20X2
VS0170833	REDUCED UNION TEE 26 - 16X2 - 26
VS0170839	REDUCED UNION TEE 26 - 20X2 - 20X2
VS0170843	REDUCED UNION TEE 26 - 20X2 - 26
VS0170847	REDUCED UNION TEE 26 - 26 - 20X2
VS0170851	REDUCED UNION TEE 32 - 16X2 - 32
VS0170853	REDUCED UNION TEE 32 - 20X2 - 32
VS0170857	REDUCED UNION TEE 32 - 26 - 26
VS0170859	REDUCED UNION TEE 32 - 26 - 32
VS0170905	FEMALE UNION TEE 16X2 X 1/2" X 16X2
VS0170921	FEMALE UNION TEE 20X2 X 1/2" X 20X2
VS0170925	FEMALE UNION TEE 20X2 X 3/4" X 20X2
VS0170935	FEMALE UNION TEE 26 X 3/4" X 26
VS0170937	FEMALE UNION TEE 32 X 3/4" 32
VS0170939	FEMALE UNION TEE 32 X 1" 32
VS0171005	FLANGED FITTING 16X2 X 1/2"
VS0171021	FLANGED FITTING 20X2 X 1/2"
VS0171025	FLANGED FITTING 20X2 X 3/4"
VS0171035	FLANGED FITTING 26 X 3/4"
VS0171051	FLANGED FITTING 16x2 - 1/2"
VS0171105	TERMINAL WITH FEMALE NUT 6X2 X 1/2" TAPERED THREAD
VS0171107	TERMINAL WITH FEMALE NUT 16X2 X 1/2" FLAT END
VS0171111	TERMINAL WITH FEMALE NUT 16X2 X 3/4" FLAT END
VS0171113	TERMINAL WITH FEMALE NUT 16X2 X 3/8" FLAT END
VS0171117	TERMINAL WITH FEMALE NUT 20X2 X 1/2" FLAT END
VS0171119	TERMINAL WITH FEMALE NUT 20X2 X 3/4" FLAT END
VS0171123	TERMINAL WITH FEMALE NUT 26 X 3/4" FLAT END
VS0171125	TERMINAL WITH FEMALE NUT 26 X 1" FLAT END
VS0171131	TERMINAL WITH FEMALE NUT 32 X1" FLAT END
VS0171157	TERMINAL WITH FEMALE NUT 16x2 -1/2" FLAT END
VS0171167	TERMINAL WITH FEMALE NUT 20x2 -1/2" FLAT END
VS0171169	TERMINAL WITH FEMALE NUT 20x2 -3/4" FLAT END
VS0171173	TERMINAL WITH FEMALE NUT 26 X 3/4" FLAT END
VS0171303	PEXAL FITTING 16X2 ADAPTOR TO COPPER D14
VS0171305	PEXAL FITTING 16X2 FOR COPPER CONNECTION
VS0171351	PEXAL FITTING 16X2 ADAPTOR TO PEX 16X1.5
VS0171353	PEXAL FITTING 20X2 ADAPTOR TO PEX 20X1.9

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Metal Fittings for Multilayer Piping Systems

APPLICATION AND USE

The products are intended to be applied in piping systems for hot water distribution at a maximum operating pressure of 6 bar (7 bar absolute or 6 bar overpressure), under the conditions mentioned in table 1 of BRL 5610. The products shall be used as a part of system K22504.

MARKING

The following marks and indications must be provided on each product and product packaging in a clear, legible and indelible way:

The fittings shall be provided with at least the following marks:

- KO (if not possible, KOMO on only the smallest packaging)
- manufacturer's name, trade name or logo;
- nominal outside diameter in mm of the connecting pipe;
- production code.

The smallest packaging unit of the fittings must be provided with at least the following information:

- KOMO (or KOMO[®] word mark);
- 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, in mm, of the connecting pipe.

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:

- Valsir S.p.a.
- and, if necessary,
- Kiwa Nederland B.V.

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

CONSTRUCTION PRODUCTS REGULATIONS

If a construction product is subject to a European harmonised technical specification, the statements in this KOMO product certificate must not be used as a replacement for the CE marking on such construction product and/or for the associated obligatory Declaration of Performance.