

Number	K24070/02	Replaces	K24070/01
Issued	2007-12-01	Dated	2003-11-15

Product certificate

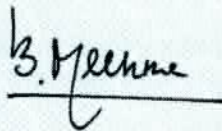
Couplers and fittings of PVC-U

Based on pre-certification tests as well as periodic inspections by Kiwa, the products referred to in this certificate and marked with the Kiwa-mark as indicated under 'Marking', manufactured by

Van de Lande B.V.

may, on delivery, be relied upon to comply with the Kiwa evaluation guideline BRL-K17301 "Piping systems of PVC for the transport of drinking water and raw water".

Kiwa N.V.



ing. B. Meekma
Director
Certification and Inspection

This certificate is issued in accordance with the Kiwa Regulations for Product Certification and consists of 3 pages.
Publication of the certificate is allowed.

Kiwa N.V.

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kiwa**Company**

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Production locations

Raamsdonksveer
(The Netherlands)

Couplers and fittings of PVC-U

PRODUCT SPECIFICATION

General

Couplers and fittings according to evaluation guideline BRL-K17301 "Piping systems of PVC for the transport of drinking water and raw water".

Detailed specification

The dimensions as indicated in the table given below belong to this certificate.

T-pieces with rubber sealing elements.

Types	Sizes in mm	Branch 90°	Code number
MMB-pieces	∅ 63 x 63 x 63	X	RRS011063
	∅ 75 x 63 x 75	X	RRS011074
(T-piece with 3x insert connection)	∅ 75 x 75 x 75	X	RRS011075
	∅ 90 x 63 x 90	X	RRS011088
	∅ 90 x 75 x 90	X	RRS011089
	∅ 90 x 90 x 90	X	RRS011090
	∅ 110 x 63 x 110	X	RRS011107
	∅ 110 x 75 x 110	X	RRS011108
	∅ 110 x 90 x 110	X	RRS011109
	∅ 110 x 110 x 110	X	RRS011110
	∅ 160 x 90 x 160	X	RRS011156
	∅ 160 x 110 x 160	X	RRS011157
	∅ 160 x 160 x 160	X	RRS011160
	∅ 225 x 90 x 225	X	RRS011219
	∅ 225 x 110 x 225	X	RRS011220
∅ 225 x 160 x 225	X	RRS011223	
∅ 225 x 225 x 225	X	RRS011225	

Toxicological requirements

Application:

This product is admitted on the basis of the requirements as laid down in the "Regulation Materials and Chemicals drinking water supplies" (published in the Gazette).

ATA criteria:

The ATA product certification is based upon two main criteria. The following shall be permanently complied with:

- approved product composition during the application procedure that, because of confidentiality, is laid down in the non-public annex 1A of certification agreement K24070.
Alterations are only allowed after successful completion of the applicable application procedure;
- specific ATA product requirements that, because of confidentiality, are laid down in the non-public annex 1A of certification agreement K24070.

APPLICATION AND USE

The products are intended to be applied for the making of joints in drinking water pipes of unplasticized PVC.

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MARKING

The products are marked with the Kiwa-mark.

Place of the mark: on each coupler or fitting or on the packaging.

The realization of the mark is as follows:

- non-erasable;
- imprint.

Compulsory specifications:

- Kiwa word mark;
- manufacturer's name/mark or registered trademark;
- "PVC";
- the nominal pressure (PN);
- indication of the field of application;
- the nominal size of the socket ends in mm;
- production period.

In case desired, the production period may be provided in code and/or on the packaging. It is preferred to provide it on the couplers/fittings.

RECOMMENDATIONS FOR USERS

1. Check at the time of delivery whether:
 - 1.1 the products are in accordance with the agreement;
 - 1.2 the mark and marking method are correct;
 - 1.3 the products show no visible defects as a result of e.g. transport.
 2. If you should reject a product on the basis of the above, please contact:
 - 2.1 Van de Lande B.V.
and, if necessary:
 - 2.2 Kiwa N.V.
 3. Consult the installation instructions of the producer for the correct way of storage, transport and processing of the products.
 4. Check whether this certificate is still valid by consulting the Kiwa internet website.
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