



Product certificate K21226/04

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Replaces K21226/03

Page 1 of 3

Ductile iron fittings for PVC-U pipes

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

Appendagefabriek Kolk B.V.

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-K773: "Ductile iron fittings for pipings systems of PVC-U and PE for the transport of drinking water",

which covers the requirements of

EN 12842: "Ductile iron fittings for PVC-U or PE piping systems - Requirements and test methods".

Luc Leroy
Kiwa

28/17/015

Publication of this certificate is allowed.

Advice: consult www.kiwa.nl in order to ensure that this certificate is still valid.

Kiwa Nederland B.V.

Sir Winston Churchillaan 273
P.O.Box 70
2280 AB RIJSWIJK
The Netherlands
Tel. +31 88 998 44 00
Fax +31 88 998 44 20
info@kiwa.nl
www.kiwa.nl

Supplier

Appendagefabriek Kolk B.V.
Parelstraat 5
7554 TL HENGELO OV
The Netherlands
Tel. 31 74-291 89 61
Fax 31 74-243 67 34
www.kolkbv.nl



Certification process
consists of initial and
regular assessment of:

- quality system
- product

Ductile iron fittings for PVC-U pipes

PRODUCT SPECIFICATION

The products mentioned below belong to this technical approval-with-product certificate

Pull-resistant couplings for connecting pipes of PVC-U to a maximum pressure class PN10.

Ductile iron fittings for piping systems of PVC-U or PE for the transport of drinking water

Product code	Product	DN	Pipe OD (DB)
E-KS	Flange-socket (E-KS) PN10/16	50 - 600	50 - 630
E-tv	Flange-socket (E-tv) PN10	50 - 600	50 - 630
E-tv-W	Flange-socket Wavin (E-tv) PN10	50 - 600	50 - 630
MMA-KS	Double socket T with flanged branch (MMA-KS) PN10	50 - 600	50 - 630
MMA-KS-tv	Double socket T with flanged branch (MMA-KS-tv) PN10	50 - 200	63 - 225
MMB-KS	All socket T (MMB-KS) PN10		63 - 630
MMB-KS-tv	All socket T (MMB-KS-tv) PN10		63 - 225
EN-KS	Duckfootbend (EN-KS) PN10/16	80	63 - 160
EN-KS-tv	Duckfootbend tensile (EN-KS-tv) PN10/16	80 - 100	63 - 160
PENR-tv-W	Duckfootbend tensile Wavin (PENR-tv-W) PN10	80	110 - 160
MM	Double socket (MM) PN10/16		63 - 630
MMQ	Double socket bend 90° (MMQ) PN10/16		63 - 315
MMK-KS 45°-tv	Double socket bend 45° (MMK 45°) PN10/16		63 - 315
MMK-KS 30°-tv	Double socket bend 30° (MMK 30°) PN10/16		63 - 315
MMK-KS 22½°-tv	Double socket bend 22½° (MMK 22½°) PN10/16		63 - 315
MMK-KS 11¼°-tv	Double socket bend 11¼° (MMK 11¼°) PN10/16		63 - 315
EXI-KS	End Cap (EXI-KS) PN10		75 - 225

The rubber seals used shall comply with the requirements of EN 618-1 and are approved for use with drinking water. Lubricants shall not be applied.

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"; 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

The Kiwa®-mark products are marked with the word mark "KIWA"  or the abbreviated work mark .

Place of the mark:

- on the fitting.

Compulsory specifications:

- manufacturer's name or logo;
- the last two digits of the production year;
- material specification;
- external diameter (in mm) range of the piping with which the coupling can be used;
- nominal pressure.

Method of marking:

- Non-erasable;

Ductile iron fittings for PVC-U pipes

- visible after assembly.

APPLICATION AND USE

The products are intended to be applied in piping systems for the transport of drinking water with a nominal size of DN 40 up to and including DN 700 with a maximum water pressure 1 MPa and water temperature of 30°C.

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:

- Appendagefabriek Kolk B.V.

and, if necessary,

- Kiwa Nederland B.V.

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