



Product certificate K21502/05

Issued 2022-09-01

Replaces K21502/04

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CERTIFICATE

Ductile iron fittings

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-K772: "Ductile iron pipes and fittings for the transport of drinking water" dated 01-12-2018

which covers the requirements of

EN 545: "Ductile iron pipes, fittings and connections for water pipelines - Requirements and test methods".

Ron Scheepers
Kiwa

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 Churchilllaan 273

Postbus 70

2280 AB RIJSWIJK

The Netherlands

Tel. +31 88 998 44 00

Fax +31 88 998 44 20

NL.Kiwa.info@Kiwa.com

www.kiwa.nl

Company

Appendagefabriek Kolk B.V.

Parelstraat 5

7554 TL HENGELO OV

The Netherlands

Tel. +31 (0)74-2918961

Fax +31 (0)74-2436734

info@kolkbv.nl

www.kolkbv.nl



Certification process
consists of initial and
regular assessment of:

- quality system
- product

Ductile iron fittings

PRODUCT SPECIFICATION

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

Ductile cast iron pipes and fittings for the transport of drinking water

Product code	Product	DN
T	Tee (T) PN10/16	50 - 1200
FFC	Tee 45° branch (FFC) PN10/16	50 - 1200
SCH	Radial Tee (SCH) PN10/16	50 - 1200
Q	90° flanged bend (Q) PN10/16	50 - 1200
IQ	Flanged access bend (iQ) PN10/16	50 - 1200
WQ	Flanged bend with threadhole (WQ) PN10/16	50 - 1200
RQ	Flanged reduction bend (RQ) PN10/16	50 - 1200
FFK	45° flanged bend (FFK 45°) PN10/16	50 - 1200
FFK	30° flanged bend (FFK 30°) PN10/16	50 - 1200
FFK	22½° flanged bend (FFK 22½°) PN10/16	50 - 1200
FFK	11¼° flanged bend (FFK 11¼°) PN10/16	50 - 1200
FFR	Flanged taper (FFR) PN10/16	50 - 1200
FFRe	Flanged eccentric taper (FFRe) PN10/16	50 - 1200
FF	Double flanged pipe (FF) PN10/16	50 - 1200
FFM	Double flanged pipe with puddle flange (FFM) PN10/16	50 - 1200
FS	Flanged spigot pipe (FS) PN10/16	50 - 1200
FM	Flanged spigot pipe with puddle flange (FM) PN10/16	50 - 1200
N	Duckfoot bend (N) PN10/16	50 - 1200
RQN	Duckfoot reduction bend (RQN) PN10/16	50 - 1200
Y	All flanged Y PN10/16	50 - 1200
TT	All flanged cross (TT) PN10/16	50 - 1200
OMS	Bellmouth (OMS) PN10/16	50 - 1200
X	Blank flange (X) PN10/16	50 - 1200
XD	Blank flange with treadhole (XD) PN10/16	50 - 1200
Xde	Blank flange with eccentric threadhole (XDe) PN10/16	50 - 1200
Xr	Studded reducer flange (Xr) PN10/16	50 - 1200
Xre	Eccentric reducer flange (Xre) PN10/16	50 - 1200
XO	Studded adaptor flange (XO) PN10/DN1882	50 - 1200
VR	Distance block (VR)	50 - 1200
VRM	Distance block (VRM)	50 - 1200
EU	Flange-socket (EU) PN10/16	50 - 1200
F	Flange-spigot (F) PN10/16	50 - 1200
MMA	Flange on double socket tee (MMA) PN10/16	50 - 1200
RN	Dismantling joints not lockable (RN) PN10/16	50 - 1200
RO	Dismantling joints (RO) PN10/16	50 - 1200
RG	Flexible pipe joint (RG) PN10/16	50 - 1200
RGV	Flexible pipe joint tensile (RGV) PN10/16	50 - 1200

Lubricants and rubber seals shall not be applied. The suitable coating shall be applied as a primer layer, and shall satisfy the requirements of BRL-K759.

Ductile iron fittings

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" dated 01-07-2017; 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 "KIWA  or the abbreviated form .

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;
- visible after assembly.

APPLICATION AND USE

The products are intended to be applied in piping systems for the transport of drinking water met de nominal size of DN 40 up to and including DN 600 with a 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.