



Product certificate K104690/03

Issued 15-07-2022

Replaces K104690/02

Page 1 of 2

Service taps for water

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

Beulco GmbH & Co. KG

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-K611 "Service taps" dated 12-05-2017.

Ron Scheepers
Kiwa

Publication of this certificate is allowed.

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

CERTIFICATE

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Certification process
consists of initial and
regular assessment of:

- quality system
- product

Service taps for water

PRODUCT SPECIFICATION

The product mentioned below belong to this product certificate;

Article number	360543
Connecting ends	R1" male x G1/2" female x G1" male
Nominal size	DN20

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 word mark "KIWA ".

Place of the mark: on the body.

Compulsory specifications:

- name or mark of the manufacturer;
- nominal size, DN20.

Method of marking:

- non-erasable;
- visible after assembly.

APPLICATION AND USE

Service taps for water are intended to be used in drinking water installations with a maximum operating pressure of 1000 kPa and a water temperature of maximum 30°C. For correct functioning of the service tap, a working pressure between 100 and 500 kPa is recommended.

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:

- Beulco GmbH & Co. KG
- and, if necessary,
- Kiwa Nederland B.V.

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

Appendix hygienic aspects to certificate K104690 for 'Service taps'

Commencing date: April 15, 2022

Product specification

This appendix is only related to 'Service taps' supplied by Beulco GmbH & Co KG.

The "Service taps" are approved using the following composition:

Part	Material (Supplier)	Remarks
Housing (Ventilgehäuse)	Brass CW724R (Diehl Metal or Otto Fuchs or Sarbak Metal or Wieland)	This material has to meet the requirements of the Composition List. In the table below, the accepted CW724R brass composition is given for reference.
Transition piece (Übergangsstück)	Brass CW617N (Diehl Metal or Gera Metalhandel or Wieland)	This material has to meet the requirements of the Composition List. In the table below, the accepted CW617N brass composition is given for reference.
Spindle (Spindel)	Brass CW724R (Diehl Metall or Otto Fuchs or Sarbak Metal or Wieland)	This material has to meet the requirements of the Composition List. In the table below, the accepted CW724R brass composition is given for reference.
Seal (Dichtung)	EPDM A-KT 90-00 (Cooper Standard Technical Rubber) or EPDM 01/U80 EP (LAV.EL GOMMA S.r.L.)	Total weight < 5 gram
Gasket (Flachdichtung)	POM (Späh)	Total weight < 5 gram

Accepted composition of CW724R (CuZn21Si3P) (product group B-D)

Constituents	Content [% (m/m)]	Impurities	Content [% (m/m)]
Copper	75.0 - 77.0	Aluminium	≤ 0.05
Zinc	Remainder	Iron	≤ 0.3
Silicon	2.7 - 3.5	Manganese	≤ 0.05
Phosphorous	0.02 - 0.10	Nickel	≤ 0.2
		Lead	≤ 0.1
		Tin	≤ 0.3
		Each other impurity	< 0.02

Accepted composition of CW617N (CuZn40Pb2) (product group B-D)

Constituents	Content [% (m/m)]	Impurities	Content [% (m/m)]
Copper	57.0 - 60.0	Aluminium	≤ 0.05
Zinc	Remainder	Iron	≤ 0.3
Lead	1.6 - 2.2	Nickel	≤ 0.1
		Silicon	≤ 0.03
		Tin	≤ 0.3
		Each other impurity	< 0.02

Above mentioned composition as well as the mentioned recipes of the raw materials/additives are not to be changed without prior approval according to the Kiwa approval procedure for hygienic aspects.

Beulco GmbH & Co KG is always responsible for an advance notification of changes in the composition and/or in the recipe of mentioned raw materials/additives.

Criteria/requirements for the product

The criteria and requirements according to 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) apply to these products.

For 'Service taps' no migration requirements are relevant.

The present appendix replaces previous versions, if any.

Rijswijk, 15-04-2022

Kiwa Nederland B.V.

A handwritten signature in blue ink, consisting of several overlapping loops and a long horizontal stroke extending to the right.

drs. D.F. van den Berg,
manager Product group Hygienic Aspects