



Product certificate K6431/05

Issued 2022-02-01

Replaces K6431/04

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Compression fittings for couplings with copper 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

TIEMME Raccorderie S.p.A

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-K639 "Fittings with compression ends for use with copper tubes" dated 01-10-2019,

which covers the requirements of

EN 1254: "Copper and copper alloys – Plumbing fittings"

and particularly,

Part 2: Fittings with compression ends for use with copper tubes, and

Part 4: Fittings combining other end connections with capillary or compression ends

Ron Scheepers
Kiwa

Publication of this certificate is allowed.

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

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Certification process
consists of initial and
regular assessment of:

- quality system
- product

Compression fittings for couplings with copper pipes

PRODUCT SPECIFICATION

The products mentioned below belong to this product certificate

The types mentioned are in the sizes 12, 15, 22 and 28 mm.

1. Straight nipples male, ISO 228

Type Design

100G00100210 mm * G 1/4

2. Straight nipples male, ISO 7

Type Design

100G00120312 mm * R 3/8

100G00150415 mm * R 1/2

100G00150515 mm * R 3/4

100G00220522 mm * R 3/4

100G00280628 mm * R 1

3. Straight couplers

Type Design

1001G10100010 mm

1001G12120012 mm

1001G15150015 mm

1001G22220022 mm

1001G28280028 mm

4. Straight nipples female, ISO 7

Type Design

1002G00120312 mm * Rp 3/8

1002G00150415 mm * Rp 1/2

1002G00150515 mm * Rp 3/4

1002G00220422 mm * Rp 1/2

1002G00220522 mm * Rp 3/4

1002G00220622 mm * Rp 1

1002G00280628 mm * Rp 1

5. Equal Elbow

Type Design

1003G10100010 mm

1003G12120012 mm

1003G15150015 mm

1003G22220022 mm

1003G28280028 mm

6. Reduced elbow

Type Design

1003G15120015 mm * 12 mm

1003G22150022 mm * 15 mm

7. Reduced male elbow, ISO 7

Type Design

1004G00150415 mm * R 1/2

1004G00220522 mm * R 3/4

8. Reduced female elbow, ISO 7

Type Design

1005G00150415 mm * Rp 1/2

1005G00220522 mm * Rp 3/4

9. Equal Tee

Type Design

1007G10101010 mm

1007G12121212 mm

1007G15151515 mm

1007G22222222 mm

1007G28282828 mm

10. Reduced branch Tee

Type Design

1007G15121515 mm * 12 mm * 15 mm

1007G12151212 mm * 15 mm * 12 mm

1007G15221515 mm * 22 mm * 15 mm

1007G22151522 mm * 15 mm * 15 mm

1007G22152222 mm * 15 mm * 22 mm

1007G22221522 mm * 22 mm * 15 mm

1007G28152828 mm * 15 mm * 28 mm

11.Reduced Tee female, ISO 7

Type Design

1009G15041515 mm * Rp 1/2 * 15 mm

1009G22042222 mm * Rp 1/2 * 22 mm

1009G28042828 mm * Rp 1/2 * 28 mm

12.Female Tee branche, ISO 7

Type Design

103915150415 mm * 15 mm * Rp 1/2

13. Stop ends

Type Design

1035G120312 mm

1035G150415 mm

1035G226122 mm

1035G286328 mm

Compression fittings for couplings with copper pipes

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  or the abbreviated word mark ".

Place of the mark:

- on the fitting.

Compulsory specifications:

- markings as specified in EN 1254-2, article 7.

Method of marking:

- non-erasable;
- visible after assembly.

APPLICATION AND USE

The fittings with compression ends are used to connect copper pipes, which are in accordance with the Kiwa Evaluation Guideline BRL-K760, in tap water, gas and heating installations. The seal is achieved by a compression ring, a cutting ring or by deformation of the copper tube at its ends, without making use of soldering material or screw-threads on the copper tube. For the application in tap-water installations, a maximum working pressure of 1000 kPa and a maximum water temperature of 90°C is applicable.

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:

- TIEMME Raccorderie S.p.A

and, if necessary,

- Kiwa Nederland B.V.

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