



Product certificate K6237/07

Issued 2019-07-15

Replaces K6237/06

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Compression fittings for joints for 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

General Fittings S.r.l.

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-K639/03: "Compression fittings for joints for copper pipes" dated 01-02-2012,

which covers the requirements of

EN 1254-2: 1998: "Copper and copper alloys – Plumbing fittings – Part 4: Fittings with compression ends for use with copper tubes".

Ronald Karel
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

Compression fittings for joints for copper pipes

PRODUCT SPECIFICATION

The products mentioned below belong to this product certificate.

1N00 series

* Compression ends size 14 and 16 mm are meant for the Italian market only

1N00.00 - Straight coupler

Compression x compression

10 x 10
12 x 12
14 x 14*
15 x 15
16 x 16*
18 x 18
22 x 22
28 x 28
35 x 35
42 x 42
54 x 54

1N00.01 – Straight reducing coupler

Male thread x compression

R ¼ x 10
R ⅜ x 10
R ½ x 10
G ⅝ x 12
R ⅝ x 12
G ½ x 12
R ½ x 12
G ½ x 14*
R ½ x 14*
R ¾ x 14*
G ¾ x 14*
R ¼ x 15
G ⅝ x 15
R ⅝ x 15
G ½ x 15
R ½ x 15
G ¾ x 15
R ¾ x 15
G ½ x 16*
R ½ x 16*
G ¾ x 16*
R ¾ x 16*
G ½ x 18
R ½ x 18
G ¾ x 18
R ¾ x 18
G ½ x 22
R ½ x 22
G ¾ x 22
R ¾ x 22
G 1 x 22
R 1 x 22
R ¾ x 28
G 1 x 28
R 1 x 28
R 1¼ x 35
R 1½ x 42

1N00.02 – Straight reducing coupler

Female thread x compression

Rp ¼ x 10
Rp ⅜ x 10
Rp ½ x 10
G ⅝ x 12
Rp ⅝ x 12
G ½ x 12
Rp ½ x 12
Rp ½ x 14*
Rp ¾ x 14*
G ⅝ x 15
Rp ⅝ x 15
G ½ x 15
Rp ½ x 15
G ¾ x 15
Rp ¾ x 15
Rp ½ x 16*
Rp ¾ x 16*
Rp ½ x 18
G ¾ x 18
Rp ¾ x 18
Rp 1 x 18
G ½ x 22
Rp ½ x 22
G ¾ x 22
Rp ¾ x 22
Rp 1 x 22
Rp 1 x 28
G 1 x 28
Rp 1¼ x 35
Rp 1½ x 42
Rp 2 x 54

1N00.03 – Straight reducing coupler

Compression x compression

12 x 10
15 x 10
15 x 12
18 x 15
22 x 15
28 x 22
35 x 15
35 x 22
35 x 28

1N00.08 - Tee

Female thread x compression x compression

G ½ x 15 x 15
Rp ½ x 15 x 15
G ½ x 22 x 22
Rp ½ x 22 x 22
G ¾ x 22 x 22

Compression fittings for joints for copper pipes

R 2 x 54

1N00.09 – Tee elbow

Compression x compression x compression

15 x 15 x 15

22 x 15 x 15

22 x 22 x 15

22 x 22 x 22

1N00.10 - Tee

Compression x compression x compression

10 x 10 x 10

12 x 12 x 12

14 x 14 x 14*

15 x 15 x 15

16 x 16 x 16*

18 x 18 x 18

22 x 22 x 22

28 x 28 x 28

35 x 35 x 35

42 x 42 x 42

54 x 54 x 54

1N00.12 – Tee

Compression x female thread x compression

12 x Rp 1/2 x 12

14 x Rp 1/2 x 14*

14 x G 1/2 x 14*

14 x Rp 3/4 x 14*

15 x Rp 1/4 x 15

15 x G 3/8 x 15

15 x Rp 3/8 x 15

15 x G 1/2 x 15

15 x Rp 1/2 x 15

15 x Rp 3/4 x 15

16 x Rp 1/2 x 16*

16 x Rp 3/4 x 16*

18 x Rp 1/2 x 18

18 x Rp 3/4 x 18

22 x Rp 1/2 x 22

22 x G 3/4 x 22

22 x Rp 3/4 x 22

28 x G 1/2 x 28

28 x Rp 1/2 x 28

28 x G 3/4 x 28

28 x Rp 3/4 x 28

1N00.13 – Tee, reducing

Compression x compression x compression

12 x 15 x 12

15 x 12 x 12

15 x 12 x 15

15 x 15 x 12

15 x 22 x 15

18 x 15 x 18

22 x 15 x 15

22 x 15 x 22

22 x 18 x 22

22 x 22 x 15

22 x 28 x 22

Rp 3/4 x 22 x 22

1N00.13 – Tee, reducing (continued)

28 x 22 x 15

28 x 22 x 22

28 x 22 x 28

28 x 28 x 15

28 x 28 x 22

35 x 15 x 35

35 x 22 x 35

35 x 28 x 35

1N00.17 – Tee

Male thread x compression x compression

G 1/2 x 15 x 15

R 1/2 x 15 x 15

G 3/4 x 22 x 22

R 3/4 x 22 x 22

G 1 x 22 x 22

R 1 x 22 x 22

G 1 x 28 x 28

R 1 x 28 x 28

1N00.20 – Elbow

Compression x compression

10 x 10

12 x 12

14 x 14*

15 x 15

16 x 16*

18 x 18

22 x 22

28 x 28

35 x 35

42 x 42

54 x 54

1N00.21 – Elbow

Male thread x compression

R 3/8 x 10

R 1/2 x 10

R 3/4 x 12

G 3/8 x 12

R 3/8 x 12

G 1/2 x 12

R 1/2 x 12

R 3/4 x 12

R 1/2 x 14*

R 3/4 x 14*

R 3/8 x 15

G 1/2 x 15

R 1/2 x 15

G 3/4 x 15

R 3/4 x 15

R 1/2 x 16*

R 3/4 x 16*

R 1/2 x 18

R 3/4 x 18

R 1/2 x 22

G 3/4 x 22

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28 x 15 x 22

28 x 15 x 28

1N00.21 – Elbow (continued)

R 1x 22

G ¾ x 28

R ¾ x 28

G 1x 28

R 1x 28

R 1¼ x 35

R 1½ x 42

R 2 x 54

1N00.22 – Elbow

Female thread x compression

Rp ⅝ x 10

Rp ½ x 10

Rp ⅝ x 12

Rp ½ x 12

Rp ¾ x 12

Rp ½ x 14*

Rp ¾ x 14*

Rp ⅝ x 15

G ⅝ x 15

Rp ½ x 15

G ¾ x 15

Rp ¾ x 15

Rp ½ x 16 *

Rp ¾ x 16*

Rp ½ x 18

G ½ x 18

G ¾ x 18

Rp ¾ x 18

G ½ x 22

Rp ½ x 22

Rp ¾ x 22

G 1x 22

Rp 1x 22

Rp ¾ x 28

G ¾ x 28

Rp 1x 28

Rp 1¼ x 35

Rp 1½ x 42

Rp 2 x 54

1N00.23 – Elbow, wall plate

Female thread x compression

G ½ x 12

Rp ½ x 12

G ½ x 14*

Rp ½ x 14*

R ¾ x 22

G 1 x 22

1N00.23 – Elbow, wall plate (continued)

Rp ½ x 15

G ½ x 15

Rp ¾ x 15

G ¾ x 15

G ½ x 16*

Rp ½ x 16*

G ½ x 18

Rp¾ x 22

G¾ x 22

1N00.29 – Elbow, reducing

Compression x compression

10 x 12

15 x 10

15 x 12

22 x 15

28 x 15

28 x 22

1N00.36 – Cross

Compression

15

22

28

1N00.40 – Male cap

10

12

15

22

28

35

42

54

1N00.B1 – Reduced cross

Compression

22 x 15 x 22 x 15

22 x 15 x 15 x 15

1N00.B2 – Male wall plate elbow

Male thread x compression

G½ x 15

G¾ x 15

Compression fittings for joints for 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" dated 01-07-2017 ("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, on very small fittings only, the abbreviated word mark  or  or .

The fittings shall be provided with at least the following marks:

- KIWA mark as mentioned above;
- manufacturer's name, trade name or logo on the fitting and compression nut(s);
- nominal size on the compression nuts.

Method of marking:

- non-erasable;
- visible after assembly.

APPLICATION AND USE

The fittings with compression ends are used to connect copper pipes, according to the Kiwa evaluation guideline BRL-K760, in tap water and gas installations and in heating installations. The tightening is achieved by a compression or cutting ring or forming of the tube at its end, without making use of soldering material or screw thread on the copper tube.

For 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:

- General Fittings S.r.l.

And, if necessary,

- Kiwa Nederland B.V.

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