

Product certificate K20866/13

Issued 2023-12-01

Replaces K20866/12

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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

Conex Universal Ltd.

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-K774 "Compression fittings to tighten with matching clamping device", dated 02-10-2019.

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

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PRODUCT SPECIFICATION

The products mentioned below belong to this product certificate

The following fittings are offered in bronze:

Transition piece, compression x male thread, type P4243G

12 x R $\frac{3}{8}$, 12 x R $\frac{1}{2}$, 15 x R $\frac{3}{8}$, 15 x R $\frac{1}{2}$, 15 x R $\frac{3}{4}$, 18 x R $\frac{1}{2}$,
18 x R $\frac{3}{4}$, 22 x R $\frac{1}{2}$, 22 x R $\frac{3}{4}$, 22 x R1, 28 x R $\frac{3}{4}$, 28 x R1,
28 x R1 $\frac{1}{4}$, 35 x R1, 35 x R1 $\frac{1}{4}$, 35 x R1 $\frac{1}{2}$, 42 x R1 $\frac{1}{4}$,
42 x R1 $\frac{1}{2}$, 54 x R1 $\frac{1}{2}$, 54 x R2

Transition piece, pipe end x male thread, type P4280G

12 x R $\frac{1}{2}$, 15 x R $\frac{1}{2}$, 18 x R $\frac{1}{2}$, 18 x R $\frac{3}{4}$, 22 x R $\frac{1}{2}$, 22 x R $\frac{3}{4}$,
28 x R1, 35 x R1 $\frac{1}{4}$, 42 x R1 $\frac{1}{2}$, 54 x R2

Transition piece, compr. x male thread, type P4370

12 x G $\frac{3}{4}$, 15 x G $\frac{3}{4}$, 18 x G $\frac{3}{4}$, 22 x G1, 28 x G1 $\frac{1}{4}$, 35 x G1 $\frac{1}{2}$,
42 x G1 $\frac{1}{4}$, 54 x G2 $\frac{3}{8}$

Bend 90°, compression x male thread, type P4001G

12 x R $\frac{3}{8}$, 12 x R $\frac{1}{2}$, 15 x R $\frac{3}{8}$, 15 x R $\frac{1}{2}$, 18 x R $\frac{1}{2}$, 18 x R $\frac{3}{4}$,
22 x R $\frac{3}{4}$, 28 x R1, 35 x R1 $\frac{1}{4}$, 42 x R1 $\frac{1}{2}$, 54 x R2

Elbow, compression x female thread, type P4091G

15 x Rp $\frac{1}{2}$

Tripartite elbow, compression x screw joint x female thread, type P4096G

12 x G $\frac{3}{4}$ x Rp $\frac{1}{2}$, 15 x G $\frac{3}{4}$ x Rp $\frac{1}{2}$, 18 x G $\frac{3}{4}$ x Rp $\frac{1}{2}$,
18 x G1 x Rp $\frac{3}{4}$, 22 x G1 x Rp $\frac{3}{4}$, 22 x G1 x Rp1,
28 x G1 $\frac{1}{4}$ x Rp1, 35 x G1 $\frac{1}{2}$ x Rp1 $\frac{1}{4}$, 42 x G1 $\frac{1}{4}$ x Rp1 $\frac{1}{2}$,
54 x G2 $\frac{3}{8}$ x Rp2

Tripartite screw joint, compression x screw joint x female thread, type P4330G

12 x G $\frac{3}{4}$ x Rp $\frac{1}{2}$, 15 x G $\frac{3}{4}$ x Rp $\frac{1}{2}$, 15 x G $\frac{3}{4}$ x Rp $\frac{3}{4}$,
18 x G $\frac{3}{4}$ x Rp $\frac{1}{2}$, 18 x G1 x Rp $\frac{3}{4}$, 22 x G $\frac{3}{4}$ x Rp $\frac{3}{4}$,
22 x G1 x Rp1, 28 x G1 $\frac{1}{4}$ x Rp1, 35 x G1 $\frac{1}{2}$ x Rp1 $\frac{1}{4}$,
42 x G1 $\frac{1}{4}$ x Rp1 $\frac{1}{2}$, 54 x G2 $\frac{3}{8}$ x Rp2

Tee, compression x branch female thread x compression, type P4130G

12 x Rp $\frac{1}{2}$ x 12, 15 x Rp $\frac{3}{8}$ x 15, 15 x Rp $\frac{1}{2}$ x 15, 18 x Rp $\frac{1}{2}$ x 18,
22 x Rp $\frac{1}{2}$ x 22, 22 x Rp $\frac{3}{4}$ x 22, 28 x Rp $\frac{1}{2}$ x 28, 28 x Rp $\frac{3}{4}$ x 28,
35 x Rp $\frac{1}{2}$ x 35, 42 x Rp $\frac{1}{2}$ x 42, 54 x Rp $\frac{1}{2}$ x 54

Wall passage angled, compression x female/male thread, type P4093E

15 x Rp $\frac{1}{2}$ / G $\frac{3}{4}$ B, thread length 25mm
15 x Rp $\frac{1}{2}$ / G $\frac{3}{4}$ B, thread length 35mm

Wall plate angled, compression x female thread, type P4471G

12 x Rp $\frac{1}{2}$, 15 x Rp $\frac{1}{2}$, 18 x Rp $\frac{1}{2}$, 22 x Rp $\frac{3}{4}$

Transition piece, compression x female thread, type P4270G

12 x Rp $\frac{3}{8}$, 12 x Rp $\frac{1}{2}$, 15 x Rp $\frac{3}{8}$, 15 x Rp $\frac{1}{2}$, 15 x Rp $\frac{3}{4}$, 18 x Rp $\frac{1}{2}$,
18 x Rp $\frac{3}{4}$, 22 x Rp $\frac{1}{2}$, 22 x Rp $\frac{3}{4}$, 22 x Rp1, 28 x Rp $\frac{3}{4}$, 28 x Rp1,
28 x Rp1 $\frac{1}{4}$, 35 x Rp1, 35 x Rp1 $\frac{1}{4}$, 42 x Rp1 $\frac{1}{4}$, 42 x Rp1 $\frac{1}{2}$,
54 x Rp2

Transition piece, pipe end x female thread, type P4281G

12 x Rp $\frac{1}{2}$, 15 x Rp $\frac{1}{2}$, 18 x Rp $\frac{1}{2}$, 18 x Rp $\frac{3}{4}$, 22 x Rp $\frac{1}{2}$, 22 x Rp $\frac{3}{4}$,
28 x Rp $\frac{3}{4}$, 28 x Rp1, 35 x Rp1, 35 x Rp1 $\frac{1}{4}$, 42 x Rp1 $\frac{1}{2}$, 54 x Rp2

Transition piece, female thread x male thread, type P4370G

Rp $\frac{3}{4}$ x G1, Rp 1 x G1, Rp1 x G1 $\frac{1}{4}$, Rp1 $\frac{1}{4}$ x G1 $\frac{1}{2}$, Rp1 $\frac{1}{2}$ x G1 $\frac{1}{4}$,
Rp2 x G2 $\frac{3}{8}$

Bend 90°, compression x female thread, type P4090G

12 x Rp $\frac{3}{8}$, 12 x Rp $\frac{1}{2}$, 15 x Rp $\frac{3}{8}$, 15 x Rp $\frac{1}{2}$, 15 x Rp $\frac{3}{4}$, 18 x Rp $\frac{1}{2}$,
18 x Rp $\frac{3}{4}$, 22 x Rp $\frac{1}{2}$, 22 x Rp $\frac{3}{4}$, 22 x Rp1, 28 x Rp1, 35 x R1 $\frac{1}{4}$,
42 x R1 $\frac{1}{2}$, 54 x R2

Bipartite screw joint, compression x coupling nut, type P4355

15 x G $\frac{3}{4}$, 18 x G $\frac{3}{4}$, 22 x G1, 28 x G1 $\frac{1}{4}$, 35 x G1 $\frac{1}{2}$, 42 x G1 $\frac{1}{4}$,
54 x G2 $\frac{3}{8}$

Tripartite screw joint, compression x screw joint x compression, type P4330

12 x G $\frac{3}{4}$ x 12, 15 x G $\frac{3}{4}$ x 15, 18 x G $\frac{3}{4}$ x 18, 22 x G1 x 22,
28 x G1 $\frac{1}{4}$ x 28, 35 x G1 $\frac{1}{2}$ x 35, 42 x G1 $\frac{1}{4}$ x 42, 54 x G2 $\frac{3}{8}$ x 54

Tripartite screw joint, compression x male thread, type P4331G

12 x G $\frac{3}{4}$ x R $\frac{3}{8}$, 12 x G $\frac{3}{4}$ x R $\frac{1}{2}$, 15 x G $\frac{3}{4}$ x R $\frac{1}{2}$, 15 x G $\frac{3}{4}$ x R $\frac{3}{4}$,
18 x G $\frac{3}{4}$ x R $\frac{1}{2}$, 18 x G1 x R $\frac{3}{4}$, 22 x G $\frac{3}{4}$ x R $\frac{1}{2}$, 22 x G1 x R $\frac{3}{4}$,
22 x G1 x R1, 28 x G1 $\frac{1}{4}$ x R1, 35 x G1 $\frac{1}{2}$ x R1 $\frac{1}{4}$, 42 x G1 $\frac{1}{4}$ x R1 $\frac{1}{2}$,
54 x G2 $\frac{3}{8}$ x R2

Tee, compression x branch male thread x compression, type P4132G

15 x R $\frac{1}{2}$ x 15, 18 x R $\frac{3}{4}$ x 18, 22 x R $\frac{3}{4}$ x 22, 28 x R $\frac{3}{4}$ x 28,
35 x R $\frac{3}{4}$ x 35, 42 x R $\frac{3}{4}$ x 42, 54 x R1 x 54, 54 x R1 $\frac{1}{4}$ x 54

Wall passage straight, compression x female/male thread, type P4244E

15 x Rp $\frac{1}{2}$ / G $\frac{3}{4}$ B, thread length 30mm

Slip coupler, type P4275

12, 15, 18, 22, 28, 35, 42 and 54 mm

The following fittings are offered in copper:

Straight coupler, type P5270

12, 15, 18, 22, 28, 35, 42, 54, 64, 67, 76.1 and 88.9 mm

90° male-female elbow, type P5001

12, 15, 18, 22, 28, 35, 42, 54, 64, 67, 76.1 and 88.9 mm

45° male-female curve, type P5040

12, 15, 18, 22, 28, 35, 42, 54, 64, 67, 76.1 and 88.9 mm

Crossover female-female

15, 18 and 22 mm

Reduced straight coupler, type P5240

15 x 12, 18 x 15, 22 x 15, 22 x 18, 28 x 22, 35 x 28, 42 x 25, 54 x 42

90° female-female elbow, type P5002

12, 15, 18, 22, 28, 35, 42, 54, 64, 67, 76.1 and 88.9 mm

45° female-female curve, type 5041

12, 15, 18, 22, 28, 35, 42, 54, 64, 67, 76.1 and 88.9 mm

Crossover male-female

12, 15, 18 and 22 mm

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Male-female reducer, type P5243

15 x 12, 18 x 12, 18 x 15, 22 x 15, 22 x 18, 28 x 15, 28 x 18, 28 x 22, 35 x 22, 35 x 28, 42 x 22, 42 x 28, 42 x 35, 54 x 35, 54 x 42, 64 x 35, 64 x 42, 64 x 54, 67 x 28, 67 x 35, 67 x 42, 67 x 54, 76 x 28, 76 x 35, 76 x 42, 76 x 54, 76 x 64, 89 x 54, 89 x 64, 89 x 76 mm

Tee, reduced branch , type P5130

15 x 12 x 15, 18 x 12 x 18, 18 x 15 x 18, 22 x 12 x 22, 22 x 15 x 22, 22 x 18 x 22, 28 x 15 x 28, 28 x 18 x 28, 28 x 22 x 28, 35 x 15 x 35, 35 x 18 x 35, 35 x 22 x 35, 35 x 28 x 35, 42 x 22 x 42, 42 x 28 x 42, 42 x 35 x 42, 54 x 22 x 54, 54 x 28 x 54, 54 x 35 x 54, 54 x 42 x 54, 64 x 35 x 64, 64 x 42 x 64, 64 x 54 x 64, 67 x 28 x 67, 67 x 35 x 67, 67 x 42 x 67, 67 x 54 x 67, 76 x 28 x 76, 76 x 35 x 76, 76 x 42 x 76, 76 x 54 x 76, 76 x 64 x 76, 76 x 67 x 76, 89 x 54 x 89, 89 x 64 x 89, 89 x 76 x 89 mm

Tee, reduced branch and end , type P5130

15 x 12 x 12, 18 x 15 x 15, 22 x 15 x 15, 22 x 15, x 18, , 22 x 18 x 15, 22 x 18 x 18, 28 x 15 x 22, 28 x 18 x 22, 28 x 22 x 22, 35 x 22 x 22, 35 x 22 x 28, 35 x 28 x 28, 42 x 35 x 35, 54 x 42 x 42

End cap, type P5301,

12, 15, 18, 22, 28, 35, 42, 54, 64, 67 , 76.1 and 88.9 mm

Tee, reduced branch female - thread , type P5130G

64 x ¾" x 64, 64 x 1" x 64, 64 x 2" x 64, 67 x ¾" x 67, 67 x 2" x 67, 76 x ¾" x 76, 76 x 2" x 76, 89 x ¾" x 89, 89 x 2" x 89 mm

Coupler, male – thread, type P5243G

64 x 2 ½", 67 x 2 ½", 76 x 2 ½", 76 x 3" , 89 x 3"

Tee, equal, type P5130

12, 15, 18, 22, 28, 35, 42, 54, 64, 67 , 76.1 and 88.9 mm

Tee, enlarged branch , type P5130

12 x 15 x 12, 15 x 18 x 15, 15 x 22 x 15, 18 x 22 x 18, 22 x 28 x 22

Tee, reduced end , type P5130

15 x 15 x 12, 18 x 18 x 15, 22 x 22 x 15, 22 x 22 x 18, 28 x 28 x 15, 28 x 28 x 18, 28 x 28 x 22

Return bend 180°, type 5060

22 mm

Coupler, female – thread, type P5270G

64 x 2 ½"

Slip coupler, type P5275

64, 67, 76.1 and 88.9

Remark

The fittings may be furnished with press indicator O-rings.

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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, on very small fittings only, the abbreviated word mark  or  or  or KK.

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

- manufacturer's name, trade name; product name or logo;
- nominal diameter.

The marking can also be applied on the package. The smallest packaging unit of the fittings (maximum of 20 pieces per package) must be provided with at least the following information:

- the word mark "KIWA" ;
- manufacturer's name or trade name;
- nominal diameter.

The package shall be completely sealed and protected against the penetration of moisture.

Method of marking:

- non-erasable;
- visible after assembly.

APPLICATION AND USE

The products are suitable for use as restrained connectors and fittings in drinking water installations with a maximum nominal pressure of 1000 kPa and a maximum temperature of 90 °C. The connections can be made with stainless steel tubes according to KIWA evaluation guideline BRL-K762 and/or copper tubes according to KIWA evaluation guideline BRL-K760 in the quality "half-hard" and "hard".

The press fittings are not allowed to be welded, soldered or brazed. They are only to be tightened with compression tools as recommended by the manufacturer (type of compression tool and profile).

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:

- Conex Universal Ltd.

and, if necessary,

- Kiwa Nederland B.V.

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