



Product certificate K6306/17

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Replaces K6306/16

Page 1 of 4

Compression 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

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-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.

CERTIFICATE

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Certification process
consists of initial and
regular assessment of:

- quality system
- product

Compression Fittings

PRODUCT SPECIFICATION

The products mentioned below belong to this product certificate

Straight couplings

compression x compression, series 301 and X301

- 10 x 10
- 12 x 12
- 12 x 10
- 15 x 15
- 15 x 10
- 15 x 12
- 22 x 12
- 22 x 22
- 22 x 15
- 28 x 28
- 28 x 22

compression x external thread (ISO 7),series 302 TA and X302TA

- 12 x R 3/8
- 12 x R 1/2
- 15 x R 1/2
- 15 x R 3/8
- 15 x R 3/4
- 22 x R 1/2
- 22 x R 3/4
- 22 x R 1
- 28 x R 3/4
- 28 x R 1

compression x internal thread (ISO 228), series 303 and X303

water applications only

- 12 x G 3/8
- 12 x G 1/2
- 15 x G 3/8
- 15 x G 1/2
- 15 x G 3/4
- 22 x G 3/4
- 22 x G 1
- 22 x G 3/4
- 28 x G 3/4
- 28 x G 1

end coupling, series 323 and X323

- 12
- 15
- 22
- 28

Elbow 90°

compression x compression, series 401 and X401

- 12 x 12
- 12 x 10
- 15 x 15
- 15 x 10
- 15 x 12
- 22 x 22
- 22 x 15
- 28 x 15
- 28 x 28
- 28 x 22

compression x external thread (ISO 7),series 402 TA and X402TA

- 12 x R 3/8
- 12 x R 1/2
- 15 x R 3/8
- 15 x R 1/2
- 15 x R 3/4
- 22 x R 3/4
- 22 x R 1
- 28 x R 1

compression x internal thread (ISO 228), series 403 and X403

water applications only

- 12 x G 1/2
- 12 x G 3/8
- 15 x G 1/2
- 15 x G 3/4
- 22 x G 1/2
- 22 x G 3/4
- 22 x G 1
- 28 x G 3/4
- 28 x G 1

Wall mounted, compression x internal thread (ISO 228), series 403 W and X403 W, water applications only

- 15 x G 1/2
- 22 x G 3/4

Compression Fittings

Tee couplings

Tee-equal, compression all ends, series 601 EQ and X601 EQ

12 x 12 x 12
 15 x 15 x 15
 22 x 22 x 22
 28 x 28 x 28

Tee-unequal, compression all ends, series 601 and X601

15 x 12 x 15
 15 x 22 x 15
 22 x 12 x 22
 22 x 15 x 15
 22 x 15 x 22
 22 x 22 x 15
 22 x 28 x 15
 22 x 28 x 22
 28 x 15 x 28
 28 x 15 x 22
 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

corner Tee, compression all ends, series 601 C and X601 C

15 x 15 x 15
 22 x 15 x 15
 22 x 15 x 22
 22 x 22 x 15
 22 x 22 x 22

Tee, compression x compression x external thread (ISO 7), series 615 and X615, water applications only

15 x G 1/2 x 15
 22 x G 1/2 x 22
 22 x G 3/4 x 22

Tee, compression x compression x internal thread (ISO 228) series 617 and X617, water applications only

15 x G 1/4 x 15
 15 x G 3/8 x 15
 15 x G 1/2 x 15
 15 x G 3/4 x 15
 22 x G 1/2 x 15
 22 x G 3/8 x 22
 22 x G 1/2 x 22
 22 x G 3/4 x 22
 22 x G 1 x 22
 28 x G 1/2 x 28
 28 x G 3/4 x 28

Tee, compression x external thread (ISO 7) x compression, series 631 and X631, water applications only

15 x 15 x G 1/2
 22 x 22 x G 3/4

Tee, compression x female thread (ISO 228) x compression, series 684 and X684, water applications only

15 x 15 x G 1/2
 22 x 22 x G 1/2

Cross

compression all ends, series 901 and X901

15 x 15 x 15 x 15
 22 x 15 x 15 x 15
 22 x 15 x 22 x 15

Compression 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 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 on the fitting:

- markings 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 being used to connect copper pipes, according to the Kiwa evaluation guideline BRL-K760, in tap water installations, gas installations and in heating installations. 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:

- Conex Universal Ltd.
- and, if necessary,
- Kiwa Nederland B.V.

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