



## Product certificate K6306/17

Issued 2022-02-01

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](http://www.kiwa.nl) in order to ensure that this certificate is still valid.*

#### Kiwa Nederland B.V.

Sir Winston Churchilllaan 273  
Postbus 70  
2280 AB RIJSWIJK  
The Netherlands  
Tel. +31 88 998 44 00  
Fax +31 88 998 44 20  
[NL.Kiwa.info@Kiwa.com](mailto:NL.Kiwa.info@Kiwa.com)  
[www.kiwa.nl](http://www.kiwa.nl)

#### Company

Conex Universal Ltd.  
Vantage Point The Pensnett Estate 95  
DY67FT KINGSWINFORD WEST MIDLANDS  
United Kingdom of Great Britain and Northern  
Ireland  
Tel. +44 (0)121 5572831  
[technical@ibpgroup.com](mailto:technical@ibpgroup.com)  
[www.IBPConex.co.uk](http://www.IBPConex.co.uk)



**Certification process  
consists of initial and  
regular assessment of:**

- quality system
- product

## Compression Fittings

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### 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  $\frac{3}{8}$   
12 x R  $\frac{1}{2}$   
15 x R  $\frac{1}{2}$   
15 x R  $\frac{3}{8}$   
15 x R  $\frac{3}{4}$   
22 x R  $\frac{1}{2}$   
22 x R  $\frac{3}{4}$   
22 x R 1  
28 x R  $\frac{3}{4}$   
28 x R 1

##### **compression x internal thread (ISO 228), series 303 and X303 water applications only**

12 x G  $\frac{3}{8}$   
12 x G  $\frac{1}{2}$   
15 x G  $\frac{3}{8}$   
15 x G  $\frac{1}{2}$   
15 x G  $\frac{3}{4}$   
22 x G  $\frac{3}{4}$   
22 x G 1  
22 x G  $\frac{3}{4}$   
28 x G  $\frac{3}{4}$   
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  $\frac{3}{8}$   
12 x R  $\frac{1}{2}$   
15 x R  $\frac{3}{8}$   
15 x R  $\frac{1}{2}$   
15 x R  $\frac{3}{4}$   
22 x R  $\frac{3}{4}$   
22 x R 1  
28 x R 1

##### **compression x internal thread (ISO 228), series 403 and X403 water applications only**

12 x G  $\frac{1}{2}$   
12 x G  $\frac{3}{8}$   
15 x G  $\frac{1}{2}$   
15 x G  $\frac{3}{4}$   
22 x G  $\frac{1}{2}$   
22 x G  $\frac{3}{4}$   
22 x G 1  
28 x G  $\frac{3}{4}$   
28 x G 1

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

15 x G  $\frac{1}{2}$   
22 x G  $\frac{3}{4}$

## Compression Fittings

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### *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  $\frac{1}{2}$  x 15  
 22 x G  $\frac{1}{2}$  x 22  
 22 x G  $\frac{3}{4}$  x 22

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

15 x G  $\frac{1}{4}$  x 15  
 15 x G  $\frac{3}{8}$  x 15  
 15 x G  $\frac{1}{2}$  x 15  
 15 x G  $\frac{3}{4}$  x 15  
 22 x G  $\frac{1}{2}$  x 15  
 22 x G  $\frac{3}{8}$  x 22  
 22 x G  $\frac{1}{2}$  x 22  
 22 x G  $\frac{3}{4}$  x 22  
 22 x G 1 x 22  
 28 x G  $\frac{1}{2}$  x 28  
 28 x G  $\frac{3}{4}$  x 28

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

15 x 15 x G  $\frac{1}{2}$   
 22 x 22 x G  $\frac{3}{4}$

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

15 x 15 x G  $\frac{1}{2}$   
 22 x 22 x G  $\frac{1}{2}$

### **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

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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 .

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.