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Product Certificate

Press fittings for joining copper pipes

Based on pre-certification tests as well as periodic inspections by Kiwa Nederland B.V., the products referred to in this certificate and marked with the GASTEC QA mark, supplied by

Conex Universal Ltd.

may, on delivery, be relied upon to comply with the GASTEC QA Approval Requirements 214, for "Fitness for admixtures up to and including 100% hydrogen gas" dated September 2022.

Ron Scheepers
Kiwa

This certificate is issued by Kiwa Nederland B.V. in conjunction with the KIWA regulations for Certification 2017.

This certificate consists of 3 pages.
Publication of the certificate is allowed.

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CERTIFICATE

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Press fittings for joining copper pipes

PRODUCT SPECIFICATION

Version >B< Press and >B< One Gas fittings, type PG 4xxx Redbrass and PG 5xxx from Copper.

PG 4001 & P14001

Bend 90° with Male Thread	
12 x R $\frac{3}{8}$	22 x R $\frac{3}{4}$
12 x R $\frac{1}{2}$	28 x R 1
15 x R $\frac{3}{8}$	35 x R 1 $\frac{1}{4}$
15 x R $\frac{1}{2}$	42 x R 1 $\frac{1}{2}$
18 x R $\frac{1}{2}$	54 x R 2
18 x R $\frac{3}{4}$	

PG 4090 & P14090

Bend 90° with Female Thread	
12 x Rp $\frac{3}{8}$	22 x Rp $\frac{1}{2}$
12 x Rp $\frac{1}{2}$	22 x Rp $\frac{3}{4}$
15 x Rp $\frac{3}{8}$	22 x Rp 1
15 x Rp $\frac{1}{2}$	28 x Rp 1
15 x Rp $\frac{3}{4}$	35 x Rp 1 $\frac{1}{4}$
18 x Rp $\frac{1}{2}$	42 x Rp 1 $\frac{1}{2}$
18 x Rp $\frac{3}{4}$	54 x Rp 2

PG 4130 & P14130

Teed Reduced Female Threaded Branch	
12 x Rp $\frac{1}{2}$ x 12	28 x Rp $\frac{3}{4}$ x 28
15 x Rp $\frac{3}{8}$ x 15	35 x Rp $\frac{1}{2}$ x 35
15 x Rp $\frac{1}{2}$ x 15	42 x Rp $\frac{1}{2}$ x 42
18 x Rp $\frac{1}{2}$ x 18	54 x Rp $\frac{1}{2}$ x 54 mm
22 x Rp $\frac{1}{2}$ x 22	
22 x Rp $\frac{3}{4}$ x 22	
28 x Rp $\frac{1}{2}$ x 28	

PG 4243 & P14243

Straight Male Connector	
12 x R $\frac{3}{8}$	28 x R 1
15 x R $\frac{3}{8}$	28 x R 1 $\frac{1}{4}$
15 x R $\frac{1}{2}$	35 x R 1
15 x R $\frac{3}{4}$	35 x R 1 $\frac{1}{4}$
18 x R $\frac{1}{2}$	35 x R 1 $\frac{1}{2}$
18 x R $\frac{3}{4}$	42 x R 1 $\frac{1}{4}$
22 x R $\frac{1}{2}$	42 x R 1 $\frac{1}{2}$
22 x R $\frac{3}{4}$	54 x R 1 $\frac{1}{2}$
22 x R 1	54 x R 2
28 x R $\frac{3}{4}$	

PG 4270 & P14270

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

PG 4275 & P14275

Slip Coupler	
15	35
18	42
22	54 mm
28	

PG 4280 & P14280

Straight Male Connector	
15 x R $\frac{1}{2}$	28 x R 1
18 x R $\frac{1}{2}$	35 x R 1 $\frac{1}{4}$
18 x R $\frac{3}{4}$	42 x R 1 $\frac{1}{2}$
22 x R $\frac{1}{2}$	54 x R 2
22 x R $\frac{3}{4}$	

PG 4281 & P14281

Straight Female Connector	
15 x Rp $\frac{1}{2}$	28 x Rp 1
18 x Rp $\frac{1}{2}$	35 x Rp 1
18 x Rp $\frac{3}{4}$	35 x Rp 1 $\frac{1}{4}$
22 x Rp $\frac{1}{2}$	42 x Rp 1 $\frac{1}{2}$
22 x Rp $\frac{3}{4}$	54 x Rp 2
28 x Rp $\frac{3}{4}$	

PG 4471 & P14471

Wall Plate Female Connector	
12 x Rp $\frac{1}{2}$	
15 x Rp $\frac{1}{2}$	
18 x Rp $\frac{1}{2}$	
22 x Rp $\frac{3}{4}$	

PG 5001 & P15001

Street Bend 90°	
12	28
15	35
18	42
22	54 mm

PG 5002 & P15002

Bend 90°	
12	28
15	35
18	42
22	54 mm

PG 5040 & P15040

Street Elbow 45°	
12	28
15	35
18	42
22	54 mm

PG 5041 & P15041

Elbow 45°	
12	28
15	35
18	42
22	54 mm

PG 5130 & P15130

Tee Equal	
12	28
15	35
18	42
22	54 mm

PG 5243 & P15243

Fitting Reducer	
15 x 12	35 x 22
18 x 12	35 x 28
18 x 15	42 x 22
22 x 15	42 x 28
22 x 18	42 x 35
28 x 15	54 x 35
28 x 18	54 x 42 mm
28 x 22	

PG 5270 & P15270

Straight Coupler	
12	28
15	35
18	42
22	54 mm

PG 5301 & P15301

Stop Ends	
12	28
15	35
18	42
22	54 mm

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PG 5130 R & P15130

Tee Reducer

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

P5240

Coupler reducer

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

APPLICATION AND USE

The products are intended to be applied as gas distribution and installation materials for natural gas with an admixture of 20% hydrogen gas and pure hydrogen gas. The maximum operating pressure (MOP) and operating temperature are specified in the approval requirement for the product for GASTEC QA certification.

MARKING

- GASTEC QA, GASTEC QA logo, or word mark. This also applies for the internal support if used.
- Name of the manufacturer or trademark: CONEX
- The external diameter of the pipe which is to be connected
- The production code.
- If the press fitting is suitable for gas only, the fitting shall be marked with the word "GAS" or a yellow marking
- The internal support shall be marked with the diameter x wall thickness
- The words 'Bestand tegen waterstofgas' or 'Hydrogen ready'

*This can be placed on the smallest packaging

RECOMMENDATIONS FOR END USERS

Check at the time of delivery whether:

- the producer 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.

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

Check whether this certificate is still valid by consulting Kiwa Nederland B.V. or the Kiwa website.

If you should reject a product on the basis of the above, please contact the supplier and, if necessary, Kiwa Nederland B.V.
