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Product Certificate

Compression Fittings

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

Tiemme Raccorderie S.p.A.

may, on delivery, be relied upon to comply with the GASTEC QA Approval Requirements 35, for "compression fittings for joining copper pipes", dated March 2012 and amendment November 2015.

Luc Leroy
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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Compression fittings

PRODUCT SPECIFICATION

Compression fittings provide with compression ring for connecting copper tubes with a outside diameter according GASTEC QA approval requirement nr. 5 (NEN-EN 1057)

Quality: half hard

Material: brass or nickel plated brass

Straight transition compression fitting:
compression x conical outer thread;

10 x R $\frac{3}{8}$
10 x R $\frac{1}{2}$
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 $\frac{1}{2}$
22 x R $\frac{3}{4}$
22 x R1
28 x R $\frac{3}{4}$
28 x R1

Straight compression fitting:

2 x compression;
10 x 10
12 x 10
12 x 12
15 x 10
15 x 12
15 x 15
22 x 15
22 x 22
28 x 15
28 x 22
28 x 28

Knee transition fitting:

compression x conical outer thread;
10 x R $\frac{3}{8}$
12 x R $\frac{3}{8}$
12 x R $\frac{1}{2}$
15 x R $\frac{1}{2}$
15 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

Straight transition compression fitting:
compression x straight inner thread;

10 x Rp $\frac{3}{8}$
10 x Rp $\frac{1}{2}$
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 $\frac{3}{4}$
22 x Rp $\frac{1}{2}$
22 x Rp $\frac{3}{4}$
22 x Rp1
28 x Rp $\frac{3}{4}$
28 x Rp1

Knee compression fitting:

2 x compression ;
10 x 10
12 x 10
12 x 12
15 x 10
15 x 12
15 x 15
22 x 15
22 x 22
28 x 22
28 x 28

Knee transition fitting:

compression x straight inner thread;
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 $\frac{3}{4}$
22 x Rp $\frac{1}{2}$
22 x Rp $\frac{3}{4}$
22 x Rp1
28 x Rp1

Transition T-compression fitting:
compression x compression x straight
inner tread:

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

Cross compression fitting:

4 x compression:
15 x 15 x 15 x 15
22 x 15 x 15 x 15
22 x 15 x 22 x 15
22 x 22 x 15 x 15
22 x 22 x 22 x 22
28 x 28 x 28 x 28

Edge compression fitting:

3 x compression:
15 x 15 x 15
22 x 15 x 15
22 x 15 x 22
22 x 22 x 22

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Compression fittings

T-compression fitting:

3 x compression;

10 x 10 x 10

12 x 12 x 12

12 x 15 x 12

15 x 12 x 12

15 x 12 x 15

15 x 15 x 12

15 x 15 x 15

15 x 22 x 15

22 x 15 x 15

22 x 15 x 22

22 x 22 x 15

22 x 22 x 22

22 x 28 x 22

28 x 15 x 22

28 x 22 x 15

28 x 22 x 22

28 x 15 x 28

28 x 22 x 28

28 x 28 x 15

28 x 28 x 22

28 x 28 x 28

Transition T-compression fitting:

compression x inner tread x compression;

12 x Rp $\frac{3}{4}$ x 12

12 x Rp $\frac{1}{2}$ x 12

15 x Rp $\frac{1}{4}$ x 15

15 x Rp $\frac{3}{4}$ x 15

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

22 x Rp $\frac{1}{2}$ x 22

22 x Rp $\frac{3}{4}$ x 22

22 x Rp1 x 22

28 x Rp $\frac{1}{2}$ x 28

28 x Rp $\frac{3}{4}$ x 28

28 x Rp1 x 28

End compression fitting:

10

12

15

22

28

APPLICATION AND USE

Compression fittings for joining half-hard copper pipes (R250) or annealed copper pipes (R220) according GASTEC QA approval requirement 5 for application in gas installations with a maximum working pressure of 1 bar.

MARKING

- GASTEC QA trademark (Also applies for Inserts);
- Manufacturers identity symbol;
- If practicable nominal diameter;
- Inserts shall be marked with diameter x wall thickness.

RECOMMENDATIONS FOR END USERS

Check at the time of delivery whether:

- the producer has delivery 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.