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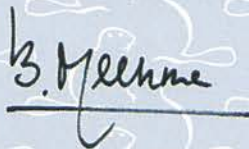
Product Certificate

Compression Fittings

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

General Fittings S.r.L.

may, on delivery, be relied upon to comply with the GASTEC QA Approval Requirements 35, for "compression fitting for joining copper pipes."



Bouke Meekma
Kiwa

This certificate is issued by Kiwa Nederland B.V. in conjunction with the "KIWA regulations for carrying the GASTEC QA quality mark".

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

Company

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Certificate

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Compression Fittings

PRODUCT SPECIFICATION

1N00.00

Straight compression fitting: 2 x compression; 10, 12, 14*, 15, 16*, 18*, 22, 28, 35, 42 and 54 mm.

1N00.03

Straight reducer compression fitting: 2 x compression; straight reducer 2 x compression: 10 x 12, 10 x 15, 12 x 15, 15 x 18*, 15 x 22, 22 x 28, 15 x 35, 22 x 35 mm.

1N00.01

Straight transition compression fitting: compression x conical outer thread: R3/8 x 10, R3/8 x 12, R3/8 x 15, R $\frac{1}{2}$ x 10, R $\frac{1}{2}$ x 12, R $\frac{1}{2}$ x 14*, R $\frac{1}{2}$ x 15, R $\frac{1}{2}$ x 16*, R $\frac{1}{2}$ x 18*, R $\frac{1}{2}$ x 22, R $\frac{3}{4}$ x 14*, R $\frac{3}{4}$ x 15, R $\frac{3}{4}$ x 16*, R $\frac{3}{4}$ x 18*, R $\frac{3}{4}$ x 22, R $\frac{3}{4}$ x 28, R1 x 22, R1 x 28, R1 $\frac{1}{4}$ x 35, R1 $\frac{1}{2}$ x 42 and R2 x 54 mm.

1N00.02

Straight transition compression fitting: compression x straight inner thread: Rp3/8 x 10, Rp3/8 x 12, Rp3/8 x 15, Rp $\frac{1}{2}$ x 10, Rp $\frac{1}{2}$ x 12, Rp $\frac{1}{2}$ x 14*, Rp $\frac{1}{2}$ x 15, Rp $\frac{1}{2}$ x 16*, Rp $\frac{1}{2}$ x 18*, Rp $\frac{1}{2}$ x 22, Rp $\frac{3}{4}$ x 14*, Rp $\frac{3}{4}$ x 15, Rp $\frac{3}{4}$ x 16*, Rp $\frac{3}{4}$ x 18*, Rp $\frac{3}{4}$ x 22, Rp1 x 22, Rp1 x 28 mm, Rp1 $\frac{1}{4}$ x 35, Rp1 $\frac{1}{2}$ x 42 and Rp2 x 54.

1N00.40

End compression fitting: 10, 12, 15, 18*, 22, 28 and 35 mm.

1N00.20

Knee compression fitting: 2 x compression: 10, 12, 14*, 15, 16*, 18*, 22, 28, 35, 42 and 54 mm.

1N00.29

Knee reduction compression fitting: 2 x compression: 10 x 12, 10 x 15, 12 x 15, 15 x 18*, 15 x 22, 15 x 28 and 22 x 28 mm.

1N00.21

Knee transition fitting: compression x conical outer thread; R3/8 x 10, R $\frac{1}{2}$ x 10, R $\frac{1}{4}$ x 12, R3/8 x 12, R3/8 x 15, R $\frac{1}{2}$ x 12, R $\frac{3}{4}$ x 12, R $\frac{1}{2}$ x 14*, R $\frac{3}{4}$ x 14*, R $\frac{1}{2}$ x 15, R $\frac{3}{4}$ x 15, R $\frac{1}{2}$ x 16*, R $\frac{3}{4}$ x 16, R $\frac{1}{2}$ x 18*, R $\frac{3}{4}$ x 18, R $\frac{1}{2}$ x 22, R $\frac{3}{4}$ x 22, R $\frac{3}{4}$ x 28, R1 x 22, R1 x 28, R1 $\frac{1}{4}$ x 35, R1 $\frac{1}{2}$ x 42 and R2 x 54.

1N00.22

Knee transition fitting: compression x straight inner thread: Rp3/8 x 10, Rp $\frac{1}{2}$ x 10, Rp3/8 x 12, Rp3/8 x 15, Rp $\frac{1}{2}$ x 12, Rp $\frac{3}{4}$ x 12, Rp $\frac{1}{2}$ x 14*, Rp $\frac{3}{4}$ x 14, Rp $\frac{1}{2}$ x 15, Rp $\frac{3}{4}$ x 15, Rp $\frac{1}{2}$ x 16*, Rp $\frac{3}{4}$ x 16*, Rp $\frac{1}{2}$ x 18*, Rp $\frac{3}{4}$ x 18*, Rp $\frac{1}{2}$ x 22, Rp $\frac{3}{4}$ x 22, Rp $\frac{3}{4}$ x 28, Rp1 x 22, Rp1 x 28, Rp1 $\frac{1}{4}$ x 35, Rp1 $\frac{1}{2}$ x 42 and Rp2 x 54 mm.

1N00.10

T-compression fitting: 3xcompression: 10, 12, 14*, 15, 16*, 18*, 22, 28, 35, 42 and 54 mm.

1N00.13

Reducing T-compression fitting: 3 x compression: 12 x 15 x 12, 15 x 12 x 12, 15 x 15 x 12, 15 x 12 x 15, 18 x 15 x 18*, 15 x 22 x 15, 22 x 15 x 15, 22 x 22 x 15, 22 x 15 x 22, 22 x 18 x 22*, 22 x 28 x 22, 28 x 15 x 22, 28 x 28 x 22, 28 x 22 x 15, 28 x 22 x 28, 28 x 28 x 15, 28 x 22 x 22, 28 x 15 x 28, 35 x 15 x 35, 35 x 22 x 35 and 35 x 28 x 35 mm.

1N00.12

Transition T-compression fitting: compression x straight inner thread x compression: 12 x Rp $\frac{1}{2}$ x 12, 15 x Rp $\frac{1}{4}$ x 15, 15 x Rp3/8 x 15, 14 x Rp $\frac{1}{2}$ x 14*, 14 x Rp $\frac{3}{4}$ x 14*, 15 x Rp $\frac{1}{2}$ x 15, 15 x Rp $\frac{3}{4}$ x 15, 16 x Rp $\frac{1}{2}$ x 16*, 16 x Rp $\frac{3}{4}$ x 16*, 18 x Rp $\frac{1}{2}$ x 18*, 18 x Rp $\frac{3}{4}$ 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 mm.

1N00.08

Transition T-compression fitting: straight inner thread x compression x compression: Rp $\frac{1}{2}$ x 15 x 15, Rp $\frac{1}{2}$ x 22 x 22 mm and Rp $\frac{3}{4}$ x 22 x 22 mm.

1N00.17

Transition T-compression fitting: conical outer thread x compression x compression: R $\frac{1}{2}$ x 15 x 15, R $\frac{3}{4}$ x 22 x 22, R1 x 22 x 22, R1 x 28 x 28 mm.

1N00.09

Edge T-compression fitting: 3x compression: 15 x 15 x 15, 22 x 22 x 22, 22 x 22 x 15, 22 x 15 x 15 mm.

1N00.36

Cross compression fitting 4 x compression: 15, 22, 28 mm.

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Compression Fittings

1N00.B1

Reducer cross compression fitting 4 x compression: 22 x 15 x 22 x 15, 22 x 15 x 15 x 15 mm.

1N00.23

Wallplate knee straight inner thread x compression: Rp $\frac{1}{2}$ x 12, Rp $\frac{1}{2}$ x 15, Rp $\frac{1}{2}$ x 14*, Rp $\frac{1}{2}$ x 16*, Rp $\frac{3}{4}$ x 15, Rp $\frac{3}{4}$ x 22.

*= Unmarketable fitting for the Dutch market.

MARKING

Compulsory marking

- GASTEC QA logo,
- Manufacturer's name or symbol.

If practicable:

- Nominal diameter,
- EN 1254-2.
- CR or DRA for grade A-DZR material, or DRB for grade B-DRB material if DZR material is used.

Place of the mark:

- On the Body.

Method of marking:

- Legibly and durably.
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APPLICATION AND USE

Compression fittings for joining half-hard copper pipes according to GASTEC QA Requirements 5 (EN 1057) for application in gas installations with a maximum working pressure of 1 bar.

RECOMMENDATIONS FOR CUSTOMERS:

1. Check at the time of delivery whether:
 - 1.1 the producer has delivery in accordance with the agreement;
 - 1.2 the mark and the marking method are correct;
 - 1.3 the products show no visible defects as a result of transport etc.
 2. If you should reject a product on the basis of the above, please contact:
 - 2.1 General Fittings S.r.L.
and, if necessary,
 - 2.2 Kiwa Nederland B.V.
 3. Consult the producer's processing guidelines for the proper storage and transport methods.
 4. Check whether this certificate is still valid by consulting Kiwa Nederland B.V. or the Kiwa website.
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