CERTIFICATE

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Product Certificate

Solder 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

Aalberts integrated piping systems B.V.

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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PRODUCTEN RvA C 002

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Solder fittings

PRODUCT SPECIFICATION

Solder fittings for capillary soldering of copper pipis according to GASTEC QA AR 5
Material: Brass

C 1000: Sockets
12 x 12
15 x 15
22 x 22
28 x 28
35 x 35
42 x 42
54 x 54

C 1001: Reducer sockets
12 x 15
15 x 22
22 x 28

C 1002: Slide in sockets
15 x 12
22 x 15
35 x 28
54 x 42

C 1004: caps
12
15
22

C 1010: Elbows
12 x 12
15 x 15
22 x 22
28 x 28
35 x 35

C 1015: elbows with female thread Rp x capillary
Rp 3/8 x 15
Rp ½ x 15
Rp ¾ x 22

C 1016: transition couplers female thread Rp x capillary
Rp 3/8 x 12
Rp ½ x 15
Rp ¾ x 22
Rp 1 x 28
Rp 1¼ x 35
Rp 1½ x 42
Rp 2 x 54

C 1020: T-pieces
12 x 12 x 12
15 x 15 x 15
22 x 22 x 22
28 x 28 x 28
35 x 35 x 35

C 1041: Wall plate, high model
Rp ½ x 15
Rp ¾ x 22

C 1043: Double wall plate, high model
15 x Rp ½ x 15
22 x Rp ¾ x 22

C 1050: three-piece coupler
15 x 15
22 x 22

C 1051: three-piece coupler, male thread R x capillary
R ½ x 15
R ¾ x 22

C 1052: three-piece coupler, female thread Rp x capillary
Rp ½ x 15
Rp ¾ x 22

C 1053: three-piece coupler, male thread R x capillary
R ½ x 15
R ¾ x 22

Solder fittings

C 1007: Transition couplers male thread R x capillary
R 3/8 x 12
R ½ x 15
R ¾ x 15
R ½ x 22
R ¾ x 22
R 1 x 28
R 1¼ x 35
R 1½ x 42
R 2 x 54

C 1021: Reducer T-pieces
15 x 22 x 15
22 x 15 x 22
28 x 15 x 28
22 x 15 x 15
22 x 22 x 15
15 x 12 x 15
15 x 15 x 12
15 x 12 x 12

C 1054: three-piece coupler, female thread Rp x capillary
Rp ½ x 15
Rp ¾ x 22

C 1012: elbows Male thread R x capillair
R ½ x 15
R ¾ x 22

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 punch mark.
- Manufacturers name, logo or trademark
- The nominal diameter if it is practicable
- Number and part of standard: EN 1254-1
- Fittings which comply to EN 1254-1 4.5.3 are durable marked with a) or b) as below:
    - Grade A material symbol CR or DRA characters
    - Grade B material DRB characteristics
- The words ‘Bestand tegen waterstofgas’ or ‘Hydrogen ready’

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.
