CERTIFICATE

Number	100351/02	Replaces	100351/01
Issued	01/06/2020	Scope	AR 186
Contract number	Q18/003	Page	1-4

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

Raccorderie Metalliche S.p.A.

may, on delivery, be relied upon to comply with the GASTEC QA Approval Requirements 186, for “press fittings for joining copper pipes”, dated November 2019.

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 4 pages.
Publication of the certificate is allowed.

Kiwa Nederland B.V.
Sir. Winston Churchillaan 273
P.O. Box 70
2280 AB RIJSWIJK
The Netherlands
Tel.+31 88 998 4400
info@kiwa.nl
www.kiwa.nl

supplier
Raccorderie Metalliche S.p.A.
Strada Sabbionetana 59
46010
Campitello di Marcaria (MN)
Italy
www.racmet.com

T +39 0376 96001
F +39 0376 96422

Press fittings for joining copper pipes

PRODUCT SPECIFICATION

681/450 G: 45° Elbow FF
15 mm
18 mm
22 mm
28 mm
35 mm
42 mm
54 mm

681/451 G: 45° Elbow MF
15 mm
18 mm
22 mm
28 mm
35 mm
42 mm
54 mm

681/900 G: 90° Elbow FF
15 mm
18 mm
22 mm
28 mm
35 mm
42 mm
54 mm

681/901 G: 90° Elbow MF
15 mm
18 mm
22 mm
28 mm
35 mm
42 mm
54 mm

697 G: Elbow adapter 90° with male thread
15 mm x 3/8”
15 mm x 1/2”
18 mm x 1/2”
18 mm x 3/4”
22 mm x 1/2”
22 mm x 3/4”
28 mm x 1/2”
35 mm x 1”1/4
42 mm x 1”1/2

698 G: Elbow adapter 90° with female thread
15 mm x 3/8”
15 mm x 1/2”
15 mm x 3/4”
18 mm x 1/2”
18 mm x 3/4”
22 mm x 1/2”
22 mm x 3/4”
22 mm x 1”
28 mm x 1/2”
28 mm x 1”
35 mm x 1”1/4
42 mm x 1”1/2

682 G: Equal tee
15 mm
18 mm
22 mm
28 mm
35 mm
42 mm
54 mm

689 G: Branch tee female BSP Outlet
15 mm x 3/8” x 15 mm
15 mm x 1/2” x 15 mm
18 mm x 1/2” x 18 mm
22 mm x 1/2” x 22 mm
22 mm x 3/4” x 22 mm
28 mm x 1/2” x 28 mm
28 mm x 3/4” x 28 mm
28 mm x 1” x 28 mm
35 mm x 1/2” x 35 mm
35 mm x 3/4” x 35 mm
35 mm x 1” x 35 mm
42 mm x 1/2” x 42 mm
42 mm x 3/4” x 42 mm

692 G: Reducing tee
18 mm x 15 mm x 18 mm
22 mm x 15 mm x 22 mm
22 mm x 18 mm x 22 mm
28 mm x 15 mm x 28 mm
28 mm x 18 mm x 28 mm
28 mm x 22 mm x 28 mm
35 mm x 15 mm x 35 mm
35 mm x 18 mm x 35 mm
35 mm x 22 mm x 35 mm
35 mm x 28 mm x 35 mm
42 mm x 15 mm x 42 mm
42 mm x 18 mm x 42 mm
42 mm x 22 mm x 42 mm
42 mm x 28 mm x 42 mm
42 mm x 35 mm x 42 mm
54 mm x 22 mm x 54 mm
54 mm x 28 mm x 54 mm
54 mm x 35 mm x 54 mm
54 mm x 42 mm x 54 mm

Number	100351/02	Replaces	100351/01
Issued	01/06/2020	Scope	AR 186
Contract number	Q18/003	Page	3-4

Press fittings for joining copper pipes

683/003 G: Stop end
15 mm
18 mm
22 mm
28 mm
35 mm
42 mm
54 mm

683/000 G: Coupling
15 mm
18 mm
22 mm
28 mm
35 mm
42 mm
54 mm

683/001 G: Slip coupling
15 mm
18 mm
22 mm
28 mm
35 mm
42 mm
54 mm

687 G: Male adapter
15 mm x 3/8”
15 mm x 1/2”
15 mm x 3/4”
18 mm x 1/2”
18 mm x 3/4”
22 mm x 1/2”
22 mm x 3/4”
22 mm x 1”
28 mm x 3/4”
28 mm x 1”
28 mm x 1”1/4
35 mm x 1”
35 mm x 1”1/4
35 mm x 1”1/2
42 mm x 1”1/4
42 mm x 1”1/2

690 G: Female adapter
15 mm x 3/8”
15 mm x 1/2”
15 mm x 3/4”
18 mm x 1/2”
18 mm x 3/4”
22 mm x 1/2”
22 mm x 3/4”
22 mm x 1”
28 mm x 1/2”
28 mm x 3/4”
28 mm x 1”
28 mm x 1”1/4
35 mm x 1”
35 mm x 1”1/4
42 mm x 1”1/4
42 mm x 1”1/2

691 G: Reducer
18 mm x 15 mm
22 mm x 15 mm
22 mm x 18 mm
28 mm x 15 mm
28 mm x 18 mm
28 mm x 22 mm
35 mm x 22 mm
35 mm x 28 mm
42 mm x 22 mm
42 mm x 28 mm
42 mm x 35 mm
54 mm x 22 mm
54 mm x 28 mm
54 mm x 35 mm
54 mm x 42 mm

685 G: Wall plate elbow 90 ° with female tread
15 mm x 1/2”
18 mm x 1/2”
22 mm x 3/4”

APPLICATION AND USE

Metal press fittings for tensile resistance joining of half-hard copper pipes (R250) with a maximum diameter of 54 mm according to GASTEC QA Approval Requirements 5. The press fittings shall be used for domestic gas installations for the transport of gaseous fuels in accordance to the 2nd and 3rd family gasses. The maximal operating pressure is 200 mbar.

MARKING

- GASTEC QA, GASTEC QA logo, word mark or trademark. This also applies for the internal support if used
- Name of the manufacturer or trademark: Raccorderie Metalliche S.p.A.
- 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

Press fittings for joining copper pipes

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.