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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

Aalberts integrated piping systems B.V.

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 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

Press fittings for joining copper pipes according to Approval Requirement 5, quality half-hard.
Max. operating pressure: 200 mbar.

Xpress

SG3/G6243G: Straight male connector

press-fit x BSP tape male thread	
15 x R $\frac{1}{2}$ mm	28 x R1 mm
15 x R $\frac{3}{4}$ mm	28 x R1 $\frac{1}{4}$ mm
18 x R $\frac{1}{2}$ mm	35 x R1 mm
18 x R $\frac{3}{4}$ mm	35 x R1 $\frac{1}{4}$ mm
22 x R $\frac{1}{2}$ mm	42 x R1 $\frac{1}{4}$ mm
22 x R $\frac{3}{4}$ mm	42 x R1 $\frac{1}{2}$ mm
22 x R1 mm	54 x R2 mm
28 x R $\frac{3}{4}$ mm	

Fulfillment: brass and bronze.

SG2/G6270G: Straight female connector

press-fit x BSP parallel female thread	
15 x Rp $\frac{1}{2}$ mm	22 x Rp $\frac{3}{4}$ mm
15 x Rp $\frac{3}{4}$ mm	28 x Rp1 mm
18 x Rp $\frac{1}{2}$ mm	35 x Rp1 $\frac{1}{4}$ mm
18 x Rp $\frac{3}{4}$ mm	42 x Rp1 $\frac{1}{2}$ mm
22 x Rp $\frac{1}{2}$ mm	54 x Rp 2 mm

Fulfillment: brass and bronze.

SG1/G7270: Straight coupling

press-fit x press-fit
15 mm
18 mm
22 mm
28 mm
35 mm
42 mm
54 mm

Fulfillment: redcopper

SG1 Slip/ G7270S: Straight coupling slip pattern

press-fit x press-fit	
15 mm	35 mm
18 mm	42 mm
22 mm	54 mm
28 mm	

Fulfillment: redcopper

SG61/G7301: Stop end

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

Fulfillment: redcopper

SG6/G7243: Reducer

larger end male for insertion into fitting x press-fit	
18 x 15 mm	42 x 22 mm
22 x 15 mm	42 x 28 mm
22 x 18 mm	42 x 35 mm
28 x 15 mm	54 x 28 mm
28 x 18 mm	54 x 35 mm
28 x 22 mm	54 x 42 mm
35 x 22 mm	
35 x 28 mm	

Fulfillment: redcopper

SG12/G7002A: Elbow

press-fit x press-fit	
15 mm	35 mm
18 mm	42 mm
22 mm	54 mm
28 mm	

Fulfillment: redcopper

SG21/G7041: Obtuse elbow

press-fit x press-fit	
15 mm	35 mm
18 mm	42 mm
22 mm	54 mm
28 mm	

Fulfillment: redcopper

SG12S/G7001A: Street elbow

press-fit x male end for insertion into fitting	
15 mm	35 mm
18 mm	42 mm
22 mm	54 mm
28 mm	

Fulfillment: redcopper

SG21S/G7040: Obtuse street elbow

press-fit x male end for insertion into fitting	
15 mm	
18 mm	
22 mm	
28 mm	
35 mm	
42 mm	
54 mm	

Fulfillment: redcopper

SG24/G7130: Equal tee

press-fit on all ends	
15 mm	
18 mm	
22 mm	
28 mm	
35 mm	
42 mm	
54 mm	

Fulfillment: redcopper

SG25/G7130: Tee

reduced branch, press-fit on all ends	
18 x 15 x 18 mm	35 x 35 x 22 mm
22 x 15 x 15 mm	35 x 35 x 28 mm
22 x 15 x 22 mm	42 x 42 x 22 mm
22 x 18 x 22 mm	42 x 42 x 28 mm
22 x 22 x 15 mm	42 x 42 x 35 mm
28 x 15 x 28 mm	54 x 54 x 42 mm
28 x 18 x 28 mm	54 x 42 x 54 mm
28 x 22 x 28 mm	

Fulfillment: redcopper.

SG11/G6330: Union coupling

SG13/G6092G: Male elbow

SG14/G6090G: Female elbow

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press-fit x press-fit		press-fit x BSP taper male thread		press-fit x parallel female thread	
15 mm	35 mm	15 x R $\frac{1}{2}$ mm	28 x R1 mm	15 x Rp $\frac{1}{2}$ mm	22 x Rp1 mm
18 mm	42 mm	18 x R $\frac{1}{2}$ mm	35 x R1 $\frac{1}{4}$ mm	15 x Rp $\frac{3}{4}$ mm	28 x Rp1 mm
22 mm	54 mm	18 x R $\frac{3}{4}$ mm	42 x R1 $\frac{1}{2}$ mm	18 x Rp $\frac{1}{2}$ mm	35 x Rp1 $\frac{1}{4}$ mm
28 mm		22 x R $\frac{3}{4}$ mm	54 x R2 mm	18 x Rp $\frac{3}{4}$ mm	42 x Rp1 $\frac{1}{2}$ mm
				22 x Rp $\frac{1}{2}$ mm	54 x Rp 2 mm
				22 x Rp $\frac{3}{4}$ mm	
Fulfillment: brass and bronze.		Fulfillment: redcopper		Fulfillment: redcopper	
SG22/G7086: Partial crossover		SG23/G7085: Full crossover		SG30/G6130G: Female branch tee	
15 mm		15 mm		press-fit x BSP parallel female branch	
18 mm		18 mm		15 x 15 x Rp $\frac{1}{2}$ mm	28 x 28 x Rp $\frac{3}{4}$ mm
22 mm		22 mm		18 x 18 x Rp $\frac{1}{2}$ mm	35 x 35 x Rp $\frac{1}{2}$ mm
				22 x 22 x Rp $\frac{1}{2}$ mm	35 x 35 x Rp1 mm
				22 x 22 x Rp $\frac{3}{4}$ mm	42 x 42 x Rp $\frac{1}{2}$ mm
				28 x 28 x Rp $\frac{1}{2}$ mm	54 x 54 x Rp $\frac{1}{2}$ mm
Fulfillment: redcopper		Fulfillment: redcopper		Fulfillment: redcopper	
SG15/G6471G: Backplate elbow plates:		S7/6246G: Female adaptor			
press-fit x BSP parallel female thread		Male copper for insertion into a fitting x BSP parallel female thread			
15 x Rp $\frac{1}{2}$ mm		15 x Rp $\frac{1}{2}$ mm	22 x Rp $\frac{1}{2}$ mm	28 x Rp1 mm	42 x Rp1 $\frac{1}{2}$ mm
18 x Rp $\frac{1}{2}$ mm		18 x Rp $\frac{1}{2}$ mm	22 x Rp $\frac{3}{4}$ mm	35 x Rp1 mm	54 x Rp2 mm
22 x Rp $\frac{3}{4}$ mm		18 x Rp $\frac{3}{4}$ mm	28 x Rp $\frac{3}{4}$ mm	35 x Rp1 $\frac{1}{4}$ mm	
Fulfillment: brass and bronze		Fulfillment: brass and bronze			

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: Aalberts Intergrated Piping systems
- 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
- Internal support shall be marked with the diameter x wall thickness

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.