Kitemark™ Certificate

This is to certify that:

Aalberts integrated piping systems B.V
Oude Amersfoortseweg 99
Hilversum
1212 AA
The Netherlands

Holds Certificate Number: KM 742176

In respect of:

BS 8537
Press ends of plumbing fittings for use with metallic tubes

This issues the right and licence to use the Kitemark in accordance with the Kitemark Terms and Conditions governing the use of the Kitemark, as may be updated from time to time by BSI Assurance UK Ltd (the "Conditions"). All defined terms in this Certificate shall have the same meaning as in the Conditions.

The use of the Kitemark is authorized in respect of the Product(s) detailed on this Certificate provided at or from the above address.

For and on behalf of BSI:

Frank Lee, Product Certification Technical and Compliance Director

First Issued: 2021-01-29
Latest Issue: 2021-01-29

Effective Date: 2021-01-29
Expiry Date: 2024-01-28

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To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated online.

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Kitemark™ Certificate

No. KM 742176

BS 8537:2010 Copper and copper alloys. Plumbing fittings. Specification for press ends of plumbing fittings for use with metallic tubes.

Aalberts integrated piping systems XPress range of press fittings suitable for use with hard and half-hard copper tube.

Type 1 Fittings

Ambient Temperature Range: 15°C to 95°C. Maximum Operating Pressure (MOP): 16 bar.

Available in any combination of press-end sizes: 12mm, 15mm, 22mm, 28mm, 35mm, 42mm, 54mm, 66.7mm, 76.1mm and 108mm.

Part Number	Description
S1/7270	Straight coupling
S1/R/7240	Reduced coupling
SI/Slip/7270S	Straight coupling slip pattern
S2/6270G	Straight female connector
S3/6243G	Straight male connector
S6/7243	Reducer
S7/6246/G	Female adapter
S8/6280G	Male adapter
S11/6330	Union coupling
S12/7002A	90° elbow
S12R/7002A	90° reduced elbow coupling
S12S/7001A	Street elbow
S13/6092G	Male elbow
S14/6090G	Female elbow
S15/6472G	Backplate elbow
S15L/6472L	Backplate elbow long pattern

Part Number	Description
S21/7041	Obtuse elbow
S21S/7040	Obtuse street elbow
S22/7086	Partial crossover
S23/7085	Full crossover
S24/7130	Equal tee
S25/7130	Tee reducing branch
S26/7130	Tee one end reduced
S27/7130	Tee one end and branch reduced
S28/7130	Tee both ends reduced
S30/6130G	Female branch tee
S61/7301	Stop end
S65F/6096G	90° connector
S68FF/6359	Union coupling
S69/6331G	Straight male union connector
S69F/6330G	Straight female union connector
S32/6131	Brass coupling with threaded port

Type 1 Fittings Materials

Material	Standard(s)	Composition	Relevant Fittings
Copper – SF-Cu	EN 1787	Cu 99.9% – P 0.015-0.040%	All copper fittings
Copper – Cu-DHP	EN 1652 EN 1653	Cu 99.9% – P 0.015-0.040%	6130, 7085, 7086, 7301
Brass	EN 1982 CC491K (Rg5)	CuSn5Zn5Pb5-C – Cu 83/87%, Ni 2%, P 0.1%, Pb 4/6%, Sn 4/6%, Zn 4/6%	All brass fittings
Brazing	DIN 2856 EN 1254-4	N/A	6090, 6092, 6472
Seals Superior EP1/1/5	EN681-1 WRAS	Ethylene-propylene elastomer. Peroxide cured.	All Type 1 fittings

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Aalberts integrated piping systems XPress range of press fittings suitable for use with hard and half-hard copper tube.

Type 2 Fittings

Ambient Temperature Range: -20°C to +70°C. High Thermal Capacity: 650°C for 30 mins.

MOP: 5 bar (external above ground), 1 bar (within buildings that are subject to fire regulations).

Available in any combination of press-end sizes: 12mm, 15mm, 22mm, 28mm, 35mm, 42mm, 54mm, 66.7mm, 76.1mm and 108mm.

Part Number	Description
SG1/G7270	Straight coupling
SG1/Slip/G7270S	Straight coupling slip pattern
SG2/G6270G	Straight female connector
SG3/G6243G	Straight male connector
SG6/G7243	Reducer larger end male insertion to press fitting
SG11/G6340	Union coupling
SG12/G7002A	90° elbow coupling
SG12S/G7001A	Street elbow male end for insertion to press fitting
SG13/G6092G	Male elbow connector
SG14/G6090G	Female elbow connector
SG15/G6471G	Backplate elbow

Part Number	Description
SG21/G7041	Obtuse elbow
SG21S/G7040	Obtuse street elbow male end for insertion to press fitting
SG22/G7086	Partial crossover male end for insertion to press fitting
SG23/G7085	Full crossover
SG24/G7130	Equal tee
SG25/G7130	Tee reduced branch
SG26/G7130	Tee one end reduced
SG27/G7130	Tee one end and branch reduced
SG30/G6130G	Female branch tee
SG61/G7301	Stop end
SG68FF/SG6360	Flat faced union adapter

Type 2 Fittings Materials

Material	Standard(s)	Composition	Relevant Fittings
Copper – SF-Cu	EN 1787	Cu 99.9% – P 0.015-0.040%	All copper fittings
Copper – Cu-DHP	EN 1652 EN 1653	Cu 99.9% – P 0.015-0.040%	6130, 7085, 7086, 7301
Brass	EN 1982 CC491K (Rg5)	CuSn5Zn5Pb5-C – Cu 83/87%, Ni 2%, P 0.1%, Pb 4/6%, Sn 4/6%, Zn 4/6%	All brass fittings
Seals Superior TH5/03/1	EN 682 EN 549	HNBR - yellow	All type 2 fittings

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Manufacturing Locations

12mm to 28mm sizes:

Aalberts integrated piping systems SAS
46, rue de l'Industrie
Saint Denis de l'Hôtel
45550
France

35mm to 108mm sizes:

Aalberts integrated piping systems Kft
Gyártó Kft
Maglódi út 16
Budapest
H-1106
Hungary

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