

Kitemark™ Certificate

This is to certify that:

Conex Universal Limited
Global House
95 Vantage Point
The Pensnett Estate
Kingswinford
DY6 7FT
United Kingdom

Holds Certificate Number: KM 765052

In respect of:

BS EN 1254-7
Copper and copper alloys - Plumbing fittings Press 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:

Shahm Barhom, Group Product Certification Director

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No. KM 765052

BS EN 1254-7: 2021

Copper and copper alloys - Plumbing fittings. Press fittings for use with metallic tubes

Conex Banninger Copper B Press: Type 1 (Water) in Sizes 12mm to 54mm

Model	Description	Body	Sizes
P5270	Straight Connector	Copper	12mm, 15mm, 18mm, 22mm, 28mm, 35mm, 42mm and 54mm
P5270S	Repair Coupler	Copper	12mm, 15mm, 18mm, 22mm, 28mm, 35mm, 42mm and 54mm
P4275	Slip Coupler (long)	Brass	12mm, 15mm, 18mm, 22mm, 28mm, 35mm, 42mm and 54mm
P5240	Reducer Straight Coupler	Copper	15mm x 12mm, 18mm x 15mm, 22mm x 15mm, 22mm x 18mm, 28mm x 22mm, 35mm x 28mm, 42mm x 35mm and 54mm x 42mm
P5243	Fitting Reducer - male x female	Copper	15mm x 12mm, 18mm x 12mm, 18mm x 15mm, 22mm x 15mm, 22mm x 18mm, 28mm x 15mm, 28mm x 18mm, 28mm x 22mm, 35mm x 22mm, 35mm x 28mm, 42mm x 22mm, 42mm x 28mm, 42mm x 35mm, 54mm x 35mm and 54mm x 42mm
P5130	Equal Tee	Copper	12mm, 15mm, 18mm, 22mm, 28mm, 35mm, 42mm and 54mm
P5130RB	Reducer Tee - reduced branch	Copper	15mm x 15mm x 12mm, 18mm x 18mm x 12mm, 18mm x 18mm x 15mm, 22mm x 22mm x 12mm, 22mm x 22mm x 15mm, 22mm x 22mm x 18mm, 28mm x 28mm x 15mm, 28mm x 28mm x 18mm, 28mm x 28mm x 22mm, 35mm x 35mm x 15mm, 35mm x 35mm x 18mm, 35mm x 35mm x 22mm, 35mm x 35mm x 28mm, 42mm x 42mm x 22mm, 42mm x 42mm x 28mm, 42mm x 42mm x 35mm, 54mm x 54mm x 22mm, 54mm x 54mm x 28mm, 54mm x 54mm x 35mm and 54mm x 54mm x 42mm
P5130RE	Reducer Tee - reduced end	Copper	15mm x 12mm x 15mm, 18mm x 15mm x 18mm, 22mm x 15mm x 22mm, 22mm x 18mm x 22mm, 28mm x 15mm x 28mm, 28mm x 18mm x 28mm and 28mm x 22mm x 28mm
P5130REB	Reducer Tee - reduced end and branch	Copper	15mm x 12mm x 12mm, 18mm x 15mm x 15mm, 22mm x 15mm x 15mm, 22mm x 15mm x 18mm, 22mm x 18mm x 15mm, 22mm x 18mm x 18mm, 28mm x 22mm x 15mm, 28mm x 22mm x 18mm, 28mm x 22mm x 22mm, 35mm x 28mm x 22mm, 35mm x 28mm x 28mm, 42mm x 35mm x 35mm and 54mm x 42mm x 42mm

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BS EN 1254-7: 2021

Copper and copper alloys - Plumbing fittings. Press fittings for use with metallic tubes

Conex Banninger Copper B Press: Type 1 (Water) in Sizes 12mm to 54mm

Model	Description	Body	Sizes
P5130RBE	Reducer Tee - reduced both ends	Copper	12mm x 12mm x 15mm, 15mm x 15mm x 18mm, 15mm x 15mm x 22mm, 18mm x 18mm x 22mm and 22mm x 22mm x 28mm
P4130G	Tee - with female threaded branch	Brass	15mm x 15mm x 1/2", 18mm x 18mm x 1/2", 22mm x 22mm x 1/2", 22mm x 22mm x 3/4", 28mm x 28mm x 1/2", 28mm x 28mm x 3/4", 35mm x 35mm x 1/2", 42mm x 42mm x 1/2" and 54mm x 54mm x 1/2"
P5002	90° Bend	Copper	12mm, 15mm, 18mm, 22mm, 28mm, 35mm, 42mm and 54mm
P5001	90° Street Bend	Copper	12mm, 15mm, 18mm, 22mm, 28mm, 35mm, 42mm and 54mm
P5041	45° Obtuse Bend	Copper	12mm, 15mm, 18mm, 22mm, 28mm, 35mm, 42mm and 54mm
P5040	45° Obtuse Street Bend	Copper	12mm, 15mm, 18mm, 22mm, 28mm, 35mm, 42mm and 54mm
P5060	Return Bend	Copper	22mm
P4001G	90° Bend - with male thread	Brass	15mm x 1/2", 18mm x 1/2", 18mm x 3/4", 22mm x 3/4", 28mm x 1", 35mm x 1 1/4", 42mm x 1 1/2" and 54mm x 2"
P4090G	90° Bend - with female thread	Brass	15mm x 1/2", 15mm x 3/4", 18mm x 1/2", 18mm x 3/4", 22mm x 1/2", 22mm x 3/4", 28mm x 1", 35mm x 1 1/4", 42mm x 1 1/2" and 54mm x 2"
P4243G	Male Threaded Straight Connector	Brass	15mm x 1/2", 15mm x 3/4", 18mm x 1/2", 18mm x 3/4", 22mm x 1/2", 22mm x 3/4", 22mm x 1", 28mm x 3/4", 28mm x 1", 35mm x 1 1/4", 42mm x 1 1/2" and 54mm x 2"
P4270G	Female Threaded Straight Connector	Brass	15mm x 1/2", 15mm x 3/4", 18mm x 1/2", 18mm x 3/4", 22mm x 1/2", 22mm x 3/4", 22mm x 1", 28mm x 3/4", 28mm x 1", 35mm x 1 1/4", 42mm x 1 1/2" and 54mm x 2"
P4331G	Male Straight Union Connector	Copper	15mm x 1/2", 18mm x 1/2", 22mm x 3/4", 22mm x 1", 28mm x 1", 35mm x 1 1/4", 42mm x 1 1/2" and 54mm x 2"
P4330G	Female Straight Union Connector	Copper	15mm x 1/2", 22mm x 3/4", 28mm x 1", 35mm x 1 1/4", 42mm x 1 1/2" and 54mm x 2"
P5301	Stop end	Copper	12mm, 15mm, 18mm, 22mm, 28mm, 35mm, 42mm and 54mm

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BS EN 1254-7: 2021

Copper and copper alloys - Plumbing fittings. Press fittings for use with metallic tubes

Conex Banninger Copper B Press: Type 1 (Water) in XL Sizes 64mm to 108mm

Model	Description	Body	Sizes
P5270	Straight Connector	Copper XL	64mm, 66.7mm, 76.1mm, 88.9mm and 108mm
P5275	Repair Coupler	Copper XL	64mm, 66.7mm, 76.1mm, 88.9mm and 108mm
P5243	Fitting Reducer - male x female	Copper XL	64mm x 35mm, 64mm x 42mm, 64mm x 54mm, 66.7mm x 28mm, 66.7mm x 35mm, 66.7mm x 42mm, 66.7mm x 54mm, 76.1mm x 35mm, 76.1mm x 42mm, 76.1mm x 54mm, 76.1mm x 64mm, 76.1mm x 66.7mm, 88.9mm x 54mm, 88.9mm x 64mm, 88.9mm x 76.1mm, 108mm x 42mm, 108mm x 54mm, 108mm x 64mm, 108mm x 66.7mm, 108mm x 76.1mm and 108mm x 88.9mm
P5130	Equal Tee	Copper XL	64mm, 66.7mm, 76.1mm, 88.9mm and 108mm
P5130RB	Reducer Tee - reduced branch	Copper XL	64mm x 64mm x 35mm, 64mm x 64mm x 42mm, 64mm x 64mm x 54mm, 66.7mm x 66.7mm x 28mm, 66.7mm x 66.7mm x 35mm, 66.7mm x 66.7mm x 42mm, 66.7mm x 66.7mm x 54mm, 76.1mm x 76.1mm x 28mm, 76.1mm x 76.1mm x 35mm, 76.1mm x 76.1mm x 42mm, 76.1mm x 76.1mm x 54mm, 76.1mm x 76.1mm x 64mm, 76.1mm x 76.1mm x 66.7mm, 88.9mm x 88.9mm x 54mm, 88.9mm x 88.9mm x 64mm, 88.9mm x 88.9mm x 76.1mm, 108mm x 108mm x 54mm, 108mm x 108mm x 64mm, 108mm x 108mm x 76.1mm and 108mm x 108mm x 88.9mm
P5130G	Tee - with female threaded branch	Copper XL	64mm x ¾" x 64mm, 64mm x 1" x 64mm, 64mm x 2" x 64mm, 66.7mm x ¾" x 66.7mm, 66.7mm x 2" x 66.7mm, 76.1mm x ¾" x 76.1mm, 76.1mm x 2" x 76.1mm, 88.9mm x ¾" x 88.9mm, 88.9mm x 2" x 88.9mm, 108mm x ¾" x 108mm and 108mm x 2" x 108mm
P5002	90° Bend	Copper XL	64mm, 66.7mm, 76.1mm, 88.9mm and 108mm
P5001	90° Street Bend	Copper XL	64mm, 66.7mm, 76.1mm, 88.9mm and 108mm
P5041	45° Obtuse Bend	Copper XL	64mm, 66.7mm, 76.1mm, 88.9mm and 108mm
P5040	45° Obtuse Street Bend	Copper XL	64mm, 66.7mm, 76.1mm, 88.9mm and 108mm

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Copper and copper alloys - Plumbing fittings. Press fittings for use with metallic tubes

Conex Banninger Copper B Press: Type 1 (Water) in XL Sizes 64mm to 108mm

Model	Description	Body	Sizes
P5243G	Male Threaded Straight Connector	Copper XL	64mm x 2½", 66.7mm x 2½", 76.1mm x 2½", 76.1mm x 3", 88.9mm x 3" and 108mm x 4"
P5270G	Female Threaded Straight Connector	Copper XL	64mm x 2½"
P4230B	Adapter Straight - with PN16 Flange (BS)	Brass XL	66.7mm, 76.1mm, 88.9mm and 108mm
P5230B	PN16 Flange 45° (BS)	Copper XL	64mm, 66.7mm, 76.1mm, 88.9mm and 108mm
P4230D	Adapter Straight - with PN16 Flange (DIN)	Brass XL	66.7mm, 76.1mm, 88.9mm and 108mm
P5301	Stop end	Copper XL	64mm, 66.7mm, 76.1mm, 88.9mm and 108mm
P5355	Union Valves	Copper XL	64 x 2¾", 76 x 3" and 89 x 3½"

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Conex Banninger Copper B Press: Type 2 (Gas) in Sizes 12mm to 54mm

Model	Description	Body	Sizes
PG5270	Straight Connector	Copper	12mm, 15mm, 18mm, 22mm, 28mm, 35mm, 42mm and 54mm
PG4275	Repair Coupler	Copper	12mm, 15mm, 18mm, 22mm, 28mm, 35mm, 42mm and 54mm
PG5243	Reducer Straight Coupler	Copper	15mm x 12mm, 18mm x 12mm, 18mm x 15mm, 22mm x 15mm, 22mm x 18mm, 28mm x 15mm, 28mm x 18mm, 28mm x 22mm, 35mm x 22mm, 35mm x 28mm, 42mm x 22mm, 42mm x 28mm, 42mm x 35mm, 54mm x 35mm and 54mm x 42mm
PG5130	Equal Tee	Copper	12mm, 15mm, 18mm, 22mm, 28mm, 35mm, 42mm and 54mm
PG5130RB	Reducer Tee - reduced branch	Copper	15mm x 15mm x 12mm and 22mm x 22mm x 15mm
PG5130REB	Reducer Tee - reduced end and branch	Copper	15mm x 12mm x 12mm and 22mm x 15mm x 15mm
PG5130RE	Reducer Tee - reduced end	Copper	15mm x 12mm x 15mm, 18mm x 12mm x 18mm, 18mm x 15mm x 18mm, 22mm x 12mm x 22mm, 22mm x 15mm x 22mm, 22mm x 18mm x 22mm, 28mm x 15mm x 28mm, 28mm x 18mm x 28mm, 28mm x 22mm x 28mm, 35mm x 22mm x 35mm, 35mm x 28mm x 35mm, 42mm x 28mm x 42mm, 42mm x 35mm x 42mm, 54mm x 28mm x 54mm, 54mm x 35mm x 54mm and 54mm x 42mm x 54mm
PG4130G	Tee - with female threaded branch	Brass	15mm x 15mm x 1/2", 18mm x 18mm x 1/2", 22mm x 22mm x 1/2", 22mm x 22mm x 3/4", 28mm x 28mm x 1/2", 28mm x 28mm x 3/4", 35mm x 35mm x 1/2", 42mm x 42mm x 1/2" and 54mm x 54mm x 1/2"
PG5002	90° Bend	Copper	12mm, 15mm, 18mm, 22mm, 28mm, 35mm, 42mm and 54mm
PG5001	90° Street Bend	Copper	12mm, 15mm, 18mm, 22mm, 28mm, 35mm, 42mm and 54mm
PG5041	45° Obtuse Bend	Copper	12mm, 15mm, 18mm, 22mm, 28mm, 35mm, 42mm and 54mm
PG5040	45° Obtuse Street Bend	Copper	12mm, 15mm, 18mm, 22mm, 28mm, 35mm, 42mm and 54mm

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Conex Banninger Copper B Press: Type 2 (Gas) in Sizes 12mm to 54mm

Model	Description	Body	Sizes
PG4001G	90° Bend - with male thread	Brass	15mm x 1/2", 18mm x 1/2", 18mm x 3/4", 22mm x 3/4", 28mm x 1", 35mm x 1 1/4", 42mm x 1 1/2" and 54mm x 2"
PG4090G	90° Bend - with female thread	Brass	15mm x 1/2", 15mm x 3/4", 18mm x 1/2", 18mm x 3/4", 22mm x 3/4", 28mm x 1", 35mm x 1 1/4", 42mm x 1 1/2" and 54mm x 2"
PG4243G	Male Straight Connector	Brass	15mm x 1/2", 15mm x 3/4", 18mm x 1/2", 18mm x 3/4", 22mm x 1/2", 22mm x 3/4", 22mm x 1", 28mm x 1", 28mm x 1 1/4", 35mm x 1 1/4", 35mm x 1 1/2", 42mm x 1 1/4", 42mm x 1 1/2" and 54mm x 2"
PG4270G	Female Straight Connector	Brass	15mm x 1/2", 15mm x 3/4", 18mm x 1/2", 18mm x 3/4", 22mm x 1/2", 22mm x 3/4", 22mm x 1", 28mm x 1", 35mm x 1 1/4", 42mm x 1 1/2" and 54mm x 2"
PG4331G	Male Straight Union Connector	Copper	15mm x 1/2", 22mm x 3/4", 28mm x 1" and 35mm x 1 1/4"
PG4330G	Female Straight Union Connector	Copper	15mm x 1/2", 22mm x 3/4", 28mm x 1" and 35mm x 1 1/4"
PG5301	Stop End	Copper	12mm, 15mm, 18mm, 22mm, 28mm, 35mm, 42mm and 54mm

Nomenclature:

P	Press fit
G	Gas
XXXX	Fitting type
G	G thread
B	BS flange
D	DIN flange
S	Slip (coupler)
RE	Reduced end (tee)
RB	Reduced branch (tee)
REB	Reduced end and branch (tee)
XXXXXXXX	Size

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Materials Specification

Material	Standard	Certification	Grade
Seals Type 1	BS EN 681-1	TIMO 70 DW-5253BQ0461	EPDM - Black
Seals Type 1	BS EN 681-1	TIMO 5-70 DW-5253BT0074	EPDM - Black
Seals Type 2	BS EN 549	TEC H16 GI.-70, NG-5112CL0298	HNBR - Yellow
Copper	BS EN 1412	N/A	Cu-DHP CW024A
Copper Alloy	EN 1982	N/A	CC499K

Designation

Description	Classification	
	Type 1 – Water Fittings	Type 2 – Gas Fittings
Maximum Operating Pressure	16 bar	5 bar
Working Temperature Range	15°C to 95°C	-20°C to 70°C
High Thermal Capacity	N/A	650°C for 30mins @ 1bar (GT1)

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