

PCCO

PRESS CONNECTING COMPONENTS

COPPER M



THE WORLD OF
PRESS CONNECTING COMPONENTS



Mathewson
& Rosemond Ltd



Press Fittings – Product Overview

System	Picture	Press Profile	Dimensions	Material
PRESS STEEL M		M	12 – 108mm	Carbon Steel
PRESS INOX M 316L		M	15 – 168.3mm	Stainless Steel 316L
PRESS INOX M 304		M	15 – 108mm	Stainless Steel 304
PRESS COPPER M		M	15 – 108mm	Copper + Brass
PRESS COPPER AQUAGAS M		M	15 – 54mm	Copper + Brass
PRESS STEEL HD		HD	1/2" – 2"	Carbon Steel
PRESS UNIPRESS		TH	16 – 32mm	Brass + Stainless Sleeve

Press Fittings – Application

System	W WATER	H HEATING	G GAS	A COMPRESSED AIR	S SOLAR	F FIREFIGHTING SYSTEMS	C COOLING	H2 READY	I INDUSTRY
PRESS STEEL M	X	✓	X	✓ [1]	X	✓	✓	X	on request
PRESS INOX M 316L	✓	✓	on request	✓ [1]	✓ [1]	✓	✓	X	on request
PRESS INOX M 304	✓ [2]	✓	X	✓ [1]	✓ [1]	X	✓	X	on request
PRESS COPPER M	✓	✓	on request	on request	✓ [1]	X	✓	X	on request
PRESS COPPER AQUAGAS M	✓	✓	✓	on request	✓ [1]	X	✓	✓	on request
PRESS STEEL HD	X	✓	X	X	X	✓	✓	X	on request
PRESS UNIPRESS	✓	✓	X	on request	X	X	X	X	on request

✓ [1] = with FKM (Viton) O-ring only

X = not suitable

✓ [2] = Industrial applications ON REQUEST

Press Fittings and Pipe Guide

PCC PRESS COPPER M





Straight Coupling	MPN	Press Profile	Box Quantity (pieces)
15 x 15	680001515	M	150
18 x 18	680001818	M	120
22 x 22	680002222	M	80
28 x 28	680002828	M	50
35 x 35	680003535	M	24
42 x 42	680004242	M	20
54 x 54	680005454	M	12
66.7 x 66.7	680006666	M	12
76.1 x 76.1	680007676	M	12
108 x 108	6800108108	M	4



Slip (Repair) Coupling	MPN	Press Profile	Box Quantity (pieces)
15 x 15	680401515	M	100
18 x 18	680401818	M	60
22 x 22	680402222	M	50
28 x 28	680402828	M	30
35 x 35	680403535	M	20
42 x 42	680404242	M	12
54 x 54	680405454	M	8
66.7 x 66.7	680406666	M	8
76.1 x 76.1	680407676	M	8
108 x 108	6804108108	M	8



End Cap	MPN	Press Profile	Box Quantity (pieces)
15	6841015	M	60
18	6841018	M	50
22	6841022	M	50
28	6841028	M	40
35	6841035	M	24
42	6841042	M	24
54	6841054	M	24
66.7	6841066	M	24



Reducing Coupling	MPN	Press Profile	Box Quantity (pieces)
22 x 15	680302215	M	100
28 x 22	680302822	M	50



Brass

Straight Male Adaptor

MPN

Press Profile

Box Quantity
(pieces)

15 x 1/2"

6801015012

M

150

15 x 3/4"

6801015034

M

100

18 x 3/4"

6801018034

M

100

22 x 1/2"

6801022012

M

100

22 x 3/4"

6801022034

M

80

22 x 1"

6801022100

M

50

28 x 3/4"

6801028034

M

50

28 x 1"

6801028100

M

50



Copper

35 x 1 1/4"

6801035114

M

24

42 x 1 1/2"

6801042112

M

20

54 x 2"

6801054200

M

10

66.7 x 2 1/2"

6801066212

M

10

76.1 x 2 1/2"

6801076212

M

5

76.1 x 3"

6801076300

M

5

Straight Female Adaptor

MPN

Press Profile

Box Quantity
(pieces)



Brass

15 x 1/2"

6802015012

M

120

15 x 3/4"

6802015034

M

80

18 x 3/4"

6802018034

M

80

22 x 1/2"

6802022012

M

100

22 x 3/4"

6802022034

M

80

22 x 1"

6802022100

M

50

28 x 3/4"

6802028034

M

50

28 x 1"

6802028100

M

50



Copper

35 x 1 1/4"

6802035114

M

24

42 x 1 1/2"

6802042112

M

20

54 x 2"

6802054200

M

10



90° Male Elbow

MPN

Press Profile

Box Quantity
(pieces)

15 x 1/2"

6825015012

M

80

18 x 1/2"

6825018012

M

60

22 x 3/4"

6825022034

M

40

28 x 1"

6825028100

M

24



90° Female Elbow

MPN

Press Profile

Box Quantity
(pieces)

15 x 1/2"

6826015012

M

80

18 x 1/2"

6826018012

M

60

22 x 3/4"

6826022034

M

40

28 x 1"

6826028100

M

24



90° Elbow (F x F)	MPN	Press Profile	Box Quantity (pieces)
15 x 15	682001515	M	120
18 x 18	682001818	M	80
22 x 22	682002222	M	50
28 x 28	682002828	M	30
35 x 35	682003535	M	12
42 x 42	682004242	M	8
54 x 54	682005454	M	6
66.7 x 66.7	682006666	M	6
76.1 x 76.1	682007676	M	6
108 x 108	6820108108	M	1



90° Street Elbow (M x F)	MPN	Press Profile	Box Quantity (pieces)
15 x 15	682101515	M	120
18 x 18	682101818	M	80
22 x 22	682102222	M	50
28 x 28	682102828	M	30
35 x 35	682103535	M	12
42 x 42	682104242	M	8
54 x 54	682105454	M	6
66.7 x 66.7	682106666	M	6
76.1 x 76.1	682107676	M	6
108 x 108	6821108108	M	1



45° Elbow (F x F)	MPN	Press Profile	Box Quantity (pieces)
15 x 15	682301515	M	120
18 x 18	682301818	M	100
22 x 22	682302222	M	60
28 x 28	682302828	M	30
35 x 35	682303535	M	20
42 x 42	682304242	M	12
54 x 54	682305454	M	6
66.7 x 66.7	682306666	M	6
76.1 x 76.1	682307676	M	6
108 x 108	6823108108	M	2



45° Street Elbow (M x F)	MPN	Press Profile	Box Quantity (pieces)
15 x 15	682401515	M	120
18 x 18	682401818	M	100
22 x 22	682402222	M	60
28 x 28	682402828	M	30
35 x 35	682403535	M	20
42 x 42	682404242	M	12
54 x 54	682405454	M	6
66.7 x 66.7	682406666	M	6
76.1 x 76.1	682407676	M	6
108 x 108	6824108108	M	2



Socket Reducer	MPN	Press Profile	Box Quantity (pieces)
18 x 15	684301815	M	120
22 x 15	684302215	M	120
22 x 18	684302218	M	100
28 x 15	684302815	M	80
28 x 18	684302818	M	80
28 x 22	684302822	M	60
35 x 22	684303522	M	40
35 x 28	684303528	M	36
42 x 22	684304222	M	24
42 x 28	684304228	M	24
42 x 35	684304235	M	24
54 x 35	684305435	M	12
54 x 42	684305442	M	12
66.7 x 28	684306628	M	12
66.7 x 35	684306635	M	12
66.7 x 42	684306642	M	12
66.7 x 54	684306654	M	12
76.1 x 35	684307635	M	12
76.1 x 42	684307642	M	12
76.1 x 54	684307654	M	12
76.1 x 66.7	684307667	M	12
108 x 54	684310854	M	4
108 x 66.7	684310866	M	4
108 x 76.1	684310876	M	4



Equal Tee	MPN	Press Profile	Box Quantity (pieces)
15 x 15 x 15	68100151515	M	80
18 x 18 x 18	68100181818	M	60
22 x 22 x 22	68100222222	M	40
28 x 28 x 28	68100282828	M	24
35 x 35 x 35	68100353535	M	12
42 x 42 x 42	68100424242	M	8
54 x 54 x 54	68100545454	M	4
66.7 x 66.7 x 66.7	68100666666	M	4
76.1 x 76.1 x 76.1	68100767676	M	4
108 x 108 x 108	6810108108108	M	1



Branch Reducing Tee	MPN	Press Profile	Box Quantity (pieces)
18 x 15 x 18	68110181518	M	60
22 x 15 x 22	68110221522	M	40
22 x 18 x 22	68110221822	M	40
28 x 15 x 28	68110281528	M	30
28 x 18 x 28	68110281828	M	30
28 x 22 x 28	68110282228	M	30
35 x 15 x 35	68110351535	M	50
35 x 22 x 35	68110352235	M	16
35 x 28 x 35	68110352835	M	16
42 x 15 x 42	68110421542	M	12
42 x 22 x 42	68110422242	M	12
42 x 28 x 42	68110422842	M	12
42 x 35 x 42	68110423542	M	10
54 x 22 x 54	68110542254	M	6
54 x 28 x 54	68110542854	M	6
54 x 35 x 54	68110543554	M	6
54 x 42 x 54	68110544254	M	6
66.7 x 28 x 66.7	68110662866	M	6
66.7 x 35 x 66.7	68110663566	M	6
66.7 x 42 x 66.7	68110664266	M	6
66.7 x 54 x 66.7	68110665466	M	6
76.1 x 22 x 76.1	68110762276	M	6
76.1 x 28 x 76.1	68110762876	M	6
76.1 x 35 x 76.1	68110763576	M	6
76.1 x 42 x 76.1	68110764276	M	6
76.1 x 54 x 76.1	68110765476	M	6
76.1 x 66.7 x 76.1	68110766676	M	6
108 x 54 x 108	681110854108	M	2
108 x 66.7 x 108	681110866108	M	2
108 x 76.1 x 108	681110876108	M	2



Reducing Tee	MPN	Press Profile	Box Quantity (pieces)
22 x 15 x 15 (Branch & End Reducing)	68115221515	M	40
22 x 22 x 15 (End Reducing)	68115222215	M	40
28 x 22 x 22 (Branch & End Reducing)	68115282222	M	20
28 x 28 x 22 (End Reducing)	68115282822	M	20



Female Tee	MPN	Press Profile	Box Quantity (pieces)
15 x 1/2" x 15	68120151215	M	60
18 x 1/2" x 18	68120181218	M	60
22 x 1/2" x 22	68120221222	M	40
22 x 3/4" x 22	68120223422	M	30
28 x 1/2" x 28	68120281228	M	30
28 x 3/4" x 28	68120283428	M	20
35 x 1/2" x 35	68120351235	M	16
42 x 1/2" x 42	68120421242	M	10
54 x 1/2" x 54	68120541254	M	6



Straight Male Union	MPN	Press Profile	Box Quantity (pieces)
15 x 1/2"	6808015012	M	100
22 x 3/4"	6808022034	M	50
28 x 1"	6808028100	M	24
35 x 1 1/4"	6808035114	M	12
42 x 1 1/2"	6808042112	M	4
54 x 2"	6808054200	M	2



Straight Female Union	MPN	Press Profile	Box Quantity (pieces)
15 x 1/2"	6809015012	M	100
22 x 3/4"	6809022034	M	50
28 x 1"	6809028100	M	24
35 x 1 1/4"	6809035114	M	12
42 x 1 1/2"	6809042112	M	4
54 x 2"	6809054200	M	2



PN16 Bimetal Flange

54 x DN50
66.7 x DN65
76.1 x DN80
108 x DN100

MPN

6840054
6840066
6840076
6840108

Press Profile

M
M
M
M

Box Quantity
(pieces)

1
1
1
1



Female Wallplate 90° Elbow

15 x 1/2"

MPN

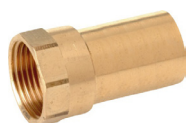
6834015012

Press Profile

M

Box Quantity
(pieces)

50



Straight Female Insert Adaptor

15 x 1/2"
22 x 3/4"

MPN

6846015012
6846022034

Press Profile

M
M

Box Quantity
(pieces)

10
10

Specification

Materials:

- Formed components (**fittings**) material no.: CW024A according to EN 1254
- Casting components (**threaded fittings**) material no.: CC499K according to EN 1282

Guarantee:

Provided your PRESS COPPER M fittings have been installed correctly and as per the installation guidelines set out by PCC, you can enjoy 30 years of trouble free service and operation from your new system. If you would like further information on training and installation techniques, or guarantee details, please contact us.

Applications:

- Drinking Water (fully WRAS approved);
- Purified Water;
- Heating;
- Cooling Water (chilled water);
- Boosted Cold Water;
- Plant Rooms;
- Flammable Gases, classed and according to DVGW G 260 (**HNBR** Gas Approved Yellow Seals);
- Compressed Air, Argon, Nitrogen, Carbon Dioxide.

Pressure and temperature ratings:

When used alongside fittings with **EPDM** seals for applications other than Compressed Air:

- 15-108mm: (PN16) 16 bar -30°C to +120°C

When used alongside fittings with **HNBR** seals for applications involving Flammable Gases:

- 15-108mm: (PN16) 5 bar -20°C to +70°C

When used alongside fittings with **EPDM** seals for Compressed Air:

- 15-108mm: (PN16) 16 bar -30°C to +120°C

When used alongside fittings with **FKM** seals for industrial applications (please contact us for more details):

- 15-108mm: (PN16) 16 bar -30°C to +180°C

Press tools:

All PRESS COPPER M fittings follow the popular 'M' Profile and, therefore, are pressable with all suitable and system-compatible 'M' Profile pressing tools. Please see manufacturers' website for details on pressing tools.



WRAS PRODUCT APPROVAL CERTIFICATE

Approval Number

240404070

Field of application Products complying with the Water Supply (Water Fittings) Regulations 1999 (England & Wales), the Water Supply (Water Fittings) (Scotland) Byelaws 2014 and the Water Supply (Water Fittings) Regulations (Northern Ireland) 2009.

Approval holder PCC GmbH

WRAS directory section 1100

Product type Fittings and Pipe - Compatible Systems

Model 'PCC TYPE' RANGE OF COPPER PRESS FITTINGS
FOR USE WITH COPPER PIPE (MANUFACTURED TO EN 1057)

(FOR MODELS AND SIZES COVERED BY THE SCOPE OF THIS APPROVAL PLEASE
CONSULT THE WRAS ONLINE DIRECTORY AND/OR ACCOMPANYING WRAS APPROVAL
LETTER)

Basis of compliance Regulator Specifications (TCS) / BS Standard

Valid from April 2024

Date of expiry April 2029

Authorised by

Ian Hughes, WRAS Approvals Manager



The certificate by itself is not evidence of a valid WRAS Approval.
The certificate must always be shared with the supporting letter.
Confirmation of the current status of an approval must be obtained from
the WRAS Approvals Directory (www.wrasapprovals.co.uk/directory/)



Certificate issued: 10th January 2025



Commercial Plumbing, Ventilation & Pipeline Merchants

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