

IAPMO RESEARCH AND TESTING, INC.

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CERTIFICATE OF LISTING

IAPMO Research and Testing, Inc. is a product certification body which tests and inspects samples taken from the supplier's stock or from the market or a combination of both to verify compliance to the requirements of applicable codes and standards. This activity is coupled with periodic surveillance of the supplier's factory and warehouses as well as the assessment of the supplier's Quality Assurance System. This listing is subject to the conditions set forth in the characteristics below and is not to be construed as any recommendation, assurance or guarantee by IAPMO Research and Testing, Inc. of the product acceptance by Authorities Having Jurisdiction.

The most updated information on this Certificate of Listing is available online at pld.iapmo.org

Effective Date: February 2016 -Rev. 9/15/2016- Void After: February 2017

Product: Copper and Copper Alloy Press Connect Pressure Fittings File No. 8654

Issued To: JUNGWOO METAL IND. CO. LTD.
Nammyun Industrial
Complex, 71-30 Gamaksan Rd
199 Beon- Gil, nammyun, 482-872
Yanggasi, KY KYUNGGI-DO
Korea

Identification: Each fitting shall be permanently marked with the manufacturer's name or trademark, nominal size or sizes, and the UPC certification mark.

Characteristics: Copper press fittings with rubber O-rings to be used with copper water tube. The press joint is made with a special hydraulic compression tool. To be installed in accordance with the manufacturer's instructions and the latest edition of the Uniform Plumbing Code.

Products listed on this certificate have been tested by an IAPMO R&T recognized laboratory. This recognition has been granted based upon the laboratory's compliance to the applicable requirements of ISO/IEC 17025.

Products are in compliance with the following code(s):

Uniform Plumbing Code (UPC®)
International Plumbing Code (IPC®)


Chairman, Product Certification Committee


CEO, The IAPMO Group



This listing period is based upon the last date of the month indicated on the Effective Date and Void After Date shown above. Any change in material, manufacturing process, marking or design without having first obtained the approval of the Product Certification Committee, or any evidence of non-compliance with applicable codes and standards or of inferior workmanship, may be deemed sufficient cause for revocation of this listing. Production of or reference to this form for advertising purposes may be made only by specific written permission of IAPMO Research and Testing, Inc. Any alteration of this certificate could be grounds for revocation of the listing. This document shall be reproduced in its entirety.



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 2

-Rev. 9/15/2016-

Void After: February 2017

Product: Copper and Copper Alloy Press Connect Pressure Fittings

File No. 8654

Issued To: JUNGWOO METAL IND. CO. LTD.

Products are in compliance with the following standard(s):
ASME B16.51-2013



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 3

-Rev. 9/15/2016-

Void After: February 2017

Product: Copper and Copper Alloy Press Connect Pressure Fittings

File No. 8654

Issued To: Jungwoo Metal Ind. Co. Ltd.

MODELS:

Roll Stop Coupling	P*P	1/2"
Roll Stop Coupling	P*P	3/4"
Roll Stop Coupling	P*P	1"
Roll Stop Coupling	P*P	1-1/4"
Roll Stop Coupling	P*P	1-1/2"
Roll Stop Coupling	P*P	2"
No Stop Coupling	P*P	1/2"
No Stop Coupling	P*P	3/4"
No Stop Coupling	P*P	1"
No Stop Coupling	P*P	1-1/4"
No Stop Coupling	P*P	1-1/2"
No Stop Coupling	P*P	2"
Extended Coupling	P*P	1/2"
Extended Coupling	P*P	3/4"
Extended Coupling	P*P	1"
Extended Coupling	P*P	1-1/4"
Extended Coupling	P*P	1-1/2"
Extended Coupling	P*P	2"
Cross Over	P*P	1/2"
Cross Over	P*P	3/4"
Cross Over	Ftg*P	1/2"
Cross Over	Ftg*P	3/4"
CAP	P	1/2"
CAP	P	3/4"
CAP	P	1"
CAP	P	1-1/4"
CAP	P	1-1/2"
CAP	P	2"



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 4

-Rev. 9/15/2016-

Void After: February 2017

Product: Copper and Copper Alloy Press Connect Pressure Fittings

File No. 8654

Issued To: Jungwoo Metal Ind. Co. Ltd.

90° ELBOW	P*P	1/2"
90° ELBOW	P*P	3/4"
90° ELBOW	P*P	1"
90° ELBOW	P*P	1-1/4"
90° ELBOW	P*P	1-1/2"
90° ELBOW	P*P	2"
90° ELBOW	Ftg*P	1/2"
90° ELBOW	Ftg*P	3/4"
90° ELBOW	Ftg*P	1"
90° ELBOW	Ftg*P	1-1/4"
90° ELBOW	Ftg*P	1-1/2"
90° ELBOW	Ftg*P	2"
TEE	P*P*P	1/2"
TEE	P*P*P	3/4"
TEE	P*P*P	1"
TEE	P*P*P	1-1/4"
TEE	P*P*P	1-1/2"
TEE	P*P*P	2"
TEE	P*P*P	1/2"X1/2"X3/4"
TEE	P*P*P	3/4"X3/4"X1/2"
TEE	P*P*P	3/4"X3/4"X1"
TEE	P*P*P	1"X1"X1/2"
TEE	P*P*P	1"X1"X3/4"
TEE	P*P*P	1"X1"X1-1/4"
TEE	P*P*P	1-1/4"X1-1/4"X1/2"
TEE	P*P*P	1-1/4"X1-1/4"X3/4"
TEE	P*P*P	1-1/4"X1-1/4"X1"
TEE	P*P*P	1-1/2"X1-1/2"X1/2"
TEE	P*P*P	1-1/2"X1-1/2"X3/4"



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 5

-Rev. 9/15/2016-

Void After: February 2017

Product: Copper and Copper Alloy Press Connect Pressure Fittings

File No. 8654

Issued To: Jungwoo Metal Ind. Co. Ltd.

TEE	P*P*P	1-1/2"X1-1/2"X1"
TEE	P*P*P	1-1/2"X1-1/2"X1-1/4"
TEE	P*P*P	2"X2"X1/2"
TEE	P*P*P	2"X2"X3/4"
TEE	P*P*P	2"X2"X1"
TEE	P*P*P	2"X2"X1-1/4"
TEE	P*P*P	2"X2"X1-1/2"
TEE	P*P*P	3/4"X1/2"X3/4"
TEE	P*P*P	3/4"X1/2"X1/2"
TEE	P*P*P	1"X3/4"X3/4"
TEE	P*P*P	1"X1/2"X3/4"
TEE	P*P*P	1"X3/4"X1"
TEE	P*P*P	1"X1/2"X1"
TEE	P*P*P	1"X3/4"X1/2"
TEE	P*P*P	1-1/4"X1/2"X1-1/4"
TEE	P*P*P	1-1/4"X3/4"X1/2"
TEE	P*P*P	1-1/4"X3/4"X3/4"
TEE	P*P*P	1-1/4"X3/4"X1"
TEE	P*P*P	1-1/4"X3/4"X1-1/4"
TEE	P*P*P	1-1/4"X1"X1/2"
TEE	P*P*P	1-1/4"X1"X3/4"
TEE	P*P*P	1-1/4"X1"X1"
TEE	P*P*P	1-1/2"X3/4"X3/4"
TEE	P*P*P	1-1/2"X1"X3/4"
TEE	P*P*P	1-1/2"X1"X1"
TEE	P*P*P	1-1/2"X1"X1-1/2"
TEE	P*P*P	1-1/2"X1-1/4"X3/4"
TEE	P*P*P	1-1/2"X1-1/4"X1"
TEE	P*P*P	1-1/2"X1-1/4"X1-1/4"



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 6

-Rev. 9/15/2016-

Void After: February 2017

Product: Copper and Copper Alloy Press Connect Pressure Fittings

File No. 8654

Issued To: Jungwoo Metal Ind. Co. Ltd.

TEE	P*P*P	1-1/2"X1/2"X1-1/2"
TEE	P*P*P	2"X1-1/4"X1-1/4"
TEE	P*P*P	2"X1-1/2"X3/4"
TEE	P*P*P	2"X1-1/2"X1"
TEE	P*P*P	2"X1-1/2"X1-1/4"
TEE	P*P*P	2"X1-1/2"X1-1/2"
TEE	P*P*P	2"X1-1/2"X2"
TEE	P*P*P	2"X1"X1"
TEE	P*P*P	2"X1"X2"
TEE	P*P*P	2"X1/2"X2"
Reducing Coupling	P*P	3/4"X1/2"
Reducing Coupling	P*P	1"X1/2"
Reducing Coupling	P*P	1"X3/4"
Reducing Coupling	P*P	1-1/4"X3/4"
Reducing Coupling	P*P	1/1/4"X1"
Reducing Coupling	P*P	1-1/2"X3/4"
Reducing Coupling	P*P	1-1/2"X1"
Reducing Coupling	P*P	1-1/2"X1-1/4"
Reducing Coupling	P*P	2"X1"
Reducing Coupling	P*P	2"X1-1/2"
Reducing Coupling	Ftg*P	3/4"X1/2"
Reducing Coupling	Ftg*P	1"X1/2"
Reducing Coupling	Ftg*P	1"X3/4"
Reducing Coupling	Ftg*P	1-1/4"X3/4"
Reducing Coupling	Ftg*P	1-1/4"X1"
Reducing Coupling	Ftg*P	1-1/2"X1/2"
Reducing Coupling	Ftg*P	1-1/2"X3/4"
Reducing Coupling	Ftg*P	1-1/2"X1"
Reducing Coupling	Ftg*P	1-1/2"X1-1/4"



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 7

-Rev. 9/15/2016-

Void After: February 2017

Product: Copper and Copper Alloy Press Connect Pressure Fittings

File No. 8654

Issued To: Jungwoo Metal Ind. Co. Ltd.

Reducing Coupling	Ftg*P	2"X1/2"
Reducing Coupling	Ftg*P	2"X3/4"
Reducing Coupling	Ftg*P	2"X1"
Reducing Coupling	Ftg*P	2"X1-1/4"
Reducing Coupling	Ftg*P	2"X1-1/2"
45° ELBOW	P*P	1/2"
45° ELBOW	P*P	3/4"
45° ELBOW	P*P	1"
45° ELBOW	P*P	1-1/4"
45° ELBOW	P*P	1-1/2"
45° ELBOW	P*P	2"
45° ELBOW	F*P	1/2"
45° ELBOW	F*P	3/4"
45° ELBOW	F*P	1"
45° ELBOW	F*P	1-1/4"
45° ELBOW	F*P	1-1/2"
45° ELBOW	F*P	2"
ADAPTER	P*M	1/2"
ADAPTER	P*M	3/4"
ADAPTER	P*M	1"
ADAPTER	P*M	1-1/4"
ADAPTER	P*M	1-1/2"
ADAPTER	P*M	2"
ADAPTER	P*M	1/2"X3/8"
ADAPTER	P*M	1/2"X3/4"
ADAPTER	P*M	3/4"X1/2"
ADAPTER	P*M	1"X1-1/4"
ADAPTER	P*M	1"X3/4"
ADAPTER	P*M	1-1/4"X1-1/2"



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 8

-Rev. 9/15/2016-

Void After: February 2017

Product: Copper and Copper Alloy Press Connect Pressure Fittings

File No. 8654

Issued To: Jungwoo Metal Ind. Co. Ltd.

ADAPTER	P*M	1-1/4"X1"
ADAPTER	P*M	1-1/2"X1-1/4"
ADAPTER	P*F	1/2"
ADAPTER	P*F	3/4"
ADAPTER	P*F	1"
ADAPTER	P*F	1-1/4"
ADAPTER	P*F	1-1/2"
ADAPTER	P*F	2"
ADAPTER	P*F	1/2"X3/4"
ADAPTER	P*F	1/2"X3/8"
ADAPTER	P*F	3/4"X1/2"
ADAPTER	P*F	1"X3/4"
ADAPTER	P*F	1-1/4"X1"
90° ELBOW	P*P	2-1/2"
90° ELBOW	P*P	3"
90° ELBOW	P*P	4"
90° ELBOW	Ftg*P	2-1/2"
90° ELBOW	Ftg*P	3"
90° ELBOW	Ftg*P	4"
CAP	P	2-1/2"
CAP	P	3"
CAP	P	4"
45° ELBOW	P*P	2-1/2"
45° ELBOW	P*P	3"
45° ELBOW	P*P	4"
45° ELBOW	Ftg*P	2-1/2"
45° ELBOW	Ftg*P	3"
45° ELBOW	Ftg*P	4"
TEE	P*P*P	2-1/2"



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 9

-Rev. 9/15/2016-

Void After: February 2017

Product: Copper and Copper Alloy Press Connect Pressure Fittings

File No. 8654

Issued To: Jungwoo Metal Ind. Co. Ltd.

TEE	P*P*P	3"
TEE	P*P*P	4"
TEE	P*P*P	2-1/2" x 2" x 2"
TEE	P*P*P	2-1/2" x 2-1/2" x 1/2"
TEE	P*P*P	2-1/2" x 2-1/2" x 3/4"
TEE	P*P*P	2-1/2" x 2-1/2" x 1"
TEE	P*P*P	2-1/2" x 2-1/2" x 1-1/4"
TEE	P*P*P	2-1/2" x 2-1/2" x 1-1/2"
TEE	P*P*P	2-1/2" x 2-1/2" x 2"
TEE	P*P*P	3" x 3" x 1/2"
TEE	P*P*P	3" x 3" x 3/4"
TEE	P*P*P	3" x 3" x 1"
TEE	P*P*P	3" x 3" x 1-1/4"
TEE	P*P*P	3" x 3" x 1-1/2"
TEE	P*P*P	3" x 3" x 2"
TEE	P*P*P	3" x 3" x 2-1/2"
TEE	P*P*P	4" x 4" x 1/2"
TEE	P*P*P	4" x 4" x 3/4"
TEE	P*P*P	4" x 4" x 1"
TEE	P*P*P	4" x 4" x 1-1/4"
TEE	P*P*P	4" x 4" x 1-1/2"
TEE	P*P*P	4" x 4" x 2"
TEE	P*P*P	4" x 4" x 2-1/2"
TEE	P*P*P	4" x 4" x 3"
Roll Stop Coupling	P*P	2-1/2"
Roll Stop Coupling	P*P	3"
Roll Stop Coupling	P*P	4"
No Stop Coupling	P*P	2-1/2"
No Stop Coupling	P*P	3"



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 10

-Rev. 9/15/2016-

Void After: February 2017

Product: Copper and Copper Alloy Press Connect Pressure Fittings

File No. 8654

Issued To: Jungwoo Metal Ind. Co. Ltd.

No Stop Coupling	P*P	4"
ADAPTER	P*M	2-1/2"
ADAPTER	P*M	3"
ADAPTER	P*M	4"
Reducing Coupling	Ftg*P	2-1/2" x 1"
Reducing Coupling	Ftg*P	2-1/2" x 1-1/4"
Reducing Coupling	Ftg*P	2-1/2" x 1-1/2"
Reducing Coupling	Ftg*P	2-1/2" x 2"
Reducing Coupling	Ftg*P	3" x 1-1/4"
Reducing Coupling	Ftg*P	3" x 1-1/2"
Reducing Coupling	Ftg*P	3" x 2"
Reducing Coupling	Ftg*P	3" x 2-1/2"
Reducing Coupling	Ftg*P	4" x 2"
Reducing Coupling	Ftg*P	4" x 2-1/2"
Reducing Coupling	Ftg*P	4" x 3"
Reducing Coupling	P*P	2-1/2" x 1"
Reducing Coupling	P*P	2-1/2" x 1-1/4"
Reducing Coupling	P*P	2-1/2" x 1-1/2"
Reducing Coupling	P*P	2-1/2" x 2"
Reducing Coupling	P*P	3" x 1-1/2"
Reducing Coupling	P*P	3" x 2"
Reducing Coupling	P*P	3" x 2-1/2"
Reducing Coupling	P*P	4" x 2"
Reducing Coupling	P*P	4" x 2-1/2"
Reducing Coupling	P*P	4" x 3"

90°ELBOW	P x F	1"
90°ELBOW	P x F	1" x 1/2"
90°ELBOW	P x F	1/2"
90°ELBOW	P x F	1/2" x 3/4"
90°ELBOW	P x F	1/2" x 3/8"



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 11

-Rev. 9/15/2016-

Void After: February 2017

Product: Copper and Copper Alloy Press Connect Pressure Fittings

File No. 8654

Issued To: Jungwoo Metal Ind. Co. Ltd.

90°ELBOW	P x F	1-1/2"
90°ELBOW	P x F	1-1/4"
90°ELBOW	P x F	2"
90°ELBOW	P x F	3/4"
90°ELBOW	P x M	1"
90°ELBOW	P x M	1/2"
90°ELBOW	P x M	1/2" x 3/4"
90°ELBOW	P x M	1-1/2"
90°ELBOW	P x M	1-1/4"
90°ELBOW	P x M	2"
90°ELBOW	P x M	3/4"
90°ELBOW	P x M	3/4" x 1/2"
90°ELBOW	P x P	1" x 3/4"
90°ELBOW	P x P	3/4" x 1/2"
ADAPTER	P x F	1" x 1/2"
ADAPTER	P x F	1" x 1-1/4"
ADAPTER	P x F	1-1/2" x 1-1/4"
ADAPTER	P x F	1-1/4" x 1/2"
ADAPTER	P x F	1-1/4" x 1-1/2"
ADAPTER	P x F	2-1/2"
ADAPTER	P x F	3"
ADAPTER	P x F	4"
ADAPTER	P x M	1-1/2" x 2"
ADAPTER	P x M	2" x 1-1/2"
ADAPTER	P x M	3/4" x 1"
Adapter Flange	P x Flange (4BOLT)	1"
Adapter Flange	P x Flange (4BOLT)	1/2"
Adapter Flange	P x Flange (4BOLT)	1-1/2"
Adapter Flange	P x Flange (4BOLT)	1-1/4"
Adapter Flange	P x Flange (4BOLT)	2"
Adapter Flange	P x Flange (4BOLT)	2-1/2"
Adapter Flange	P x Flange (4BOLT)	3"
Adapter Flange	P x Flange (4BOLT)	3/4"
Adapter Flange	P x Flange (4BOLT)	4"
Adapter Flange	P x Flange (8BOLT)	2-1/2"
Adapter Flange	P x Flange (8BOLT)	3"
Adapter Flange	P x Flange (8BOLT)	4"
Reducing Coupling	Ftg x P	1-1/4" x 1/2"
Reducing Coupling	P x P	1-1/2" x 1/2"
Reducing Coupling	P x P	1-1/4" x 1/2"
Reducing Coupling	P x P	2" x 1/2"
Reducing Coupling	P x P	2" x 1-1/4"
Reducing Coupling	P x P	2" x 3/4"
TEE	P x F x P	1" x 3/4" x 1"
TEE	P x F x P	1/2"
TEE	P x F x P	1-1/2" x 3/4" x 1-1/2"
TEE	P x F x P	1-1/4" x 3/4" x 1-1/4"
TEE	P x F x P	2" x 3/4" x 3/4"



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 12

-Rev. 9/15/2016-

Void After: February 2017

Product: Copper and Copper Alloy Press Connect Pressure Fittings

File No. 8654

Issued To: Jungwoo Metal Ind. Co. Ltd.

TEE	P x F x P	3/4"
TEE	P x F x P	3/4" x 1/2" x 3/4"
TEE	P x P x F	1"
TEE	P x P x F	1" x 1" x 1/2"
TEE	P x P x F	1" x 1" x 3/4"
TEE	P x P x F	1/2"
TEE	P x P x F	1-1/2"
TEE	P x P x F	1-1/2" x 1-1/2" x 1/2"
TEE	P x P x F	1-1/2" x 1-1/2" x 3/4"
TEE	P x P x F	1-1/4"
TEE	P x P x F	1-1/4" x 1-1/4" x 1/2"
TEE	P x P x F	1-1/4" x 1-1/4" x 3/4"
TEE	P x P x F	2" x 2" x 1/2"
TEE	P x P x F	2" x 2" x 3/4"
TEE	P x P x F	2-1/2" x 2-1/2" x 2"
TEE	P x P x F	2-1/2" x 2-1/2" x 3/4"
TEE	P x P x F	3" x 3" x 2"
TEE	P x P x F	3" x 3" x 3/4"
TEE	P x P x F	3/4"
TEE	P x P x F	3/4" x 3/4" x 1/2"
TEE	P x P x F	3/4" x 3/4" x 1/4"
TEE	P x P x F	4" x 4" x 2"
TEE	P x P x F	4" x 4" x 3/4"
TEE	P x P x P	1/2" x 1/2" x 1"
TEE	P x P x P	1-1/4" x 1" x 1-1/4"
TEE	P x P x P	2" x 3/4" x 2"
TEE	P x P x P	2-1/2" x 1" x 2-1/2"
TEE	P x P x P	2-1/2" x 1-1/2" x 2"
TEE	P x P x P	2-1/2" x 1-1/2" x 2-1/2"
TEE	P x P x P	2-1/2" x 1-1/4" x 2-1/2"
TEE	P x P x P	2-1/2" x 2" x 1"
TEE	P x P x P	2-1/2" x 2" x 1-1/2"
TEE	P x P x P	2-1/2" x 2" x 2-1/2"
TEE	P x P x P	2-1/2" x 2" x 3/4"
TEE	P x P x P	2-1/2" x 3/4" x 2-1/2"
TEE	P x P x P	3" x 1" x 3"
TEE	P x P x P	3" x 1-1/2" x 3"
TEE	P x P x P	3" x 1-1/4" x 3"
TEE	P x P x P	3" x 2" x 2"
TEE	P x P x P	3" x 2" x 2-1/2"
TEE	P x P x P	3" x 2" x 3"
TEE	P x P x P	3" x 2-1/2" x 2"
TEE	P x P x P	3" x 2-1/2" x 2-1/2"
TEE	P x P x P	3" x 2-1/2" x 3"
TEE	P x P x P	3" x 3/4" x 3"
TEE	P x P x P	4" x 3" x 2"
TEE	P x P x P	4" x 3" x 3"