

IAPMO RESEARCH AND TESTING, INC.

5001 East Philadelphia Street, Ontario, California 91761-2816 • (909) 472-4100 Fax (909) 472-4244 • www.iapmo.org



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: May 2016

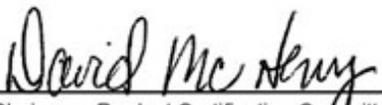
Void After: May 2017

Product: Metal Insert Fittings Utilizing a Copper or Copper Alloy Crimp Ring for SDR 9 Crosslinked Polyethylene (PEX) Tubing File No. 6852

Issued To: ZHEJIANG HAILIANG CO., LTD. C/O HAILIANG (VIETNAM) COPPER MANUFACTURING CO., LTD.
Diankou Meichi Town
Industry Zone
Zhuji City Zhejiang,
China

Identification: Fittings shall be marked in such manner that it remains legible after installation and inspection with the manufacturer's name or trademark, or some other identifying mark, and if size permits, PEX or the ASTM standard number or both. Where recessed marking is used on the fittings, care shall be taken to see that the marking shall not cause cracks or reduce the wall thickness below the minimum specified. Marking on the packaging shall include manufacturer's name, fitting size, ASTM F1807 and B137.5. Product shall also bear the cUPC® certification mark.

Characteristics: Metal insert fittings utilizing and copper, or copper alloy crimp ring for four sizes of SDR 9 Cross-linked Polyethylene (PEX) plastic tubing. Intended for use in 100 psi (689.5 kPa) cold and hot water distribution systems operating at temperatures up to and including 180 F (82 C). To be installed in accordance with manufacturer's instruction and the latest edition of the


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.



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 2

Void After: May 2017

Product: Metal Insert Fittings Utilizing a Copper or Copper Alloy Crimp Ring for SDR 9 Crosslinked Polyethylene (PEX) Tubing
File No. 6852

Issued To: ZHEJIANG HAILIANG CO., LTD. C/O HAILIANG (VIETNAM) COPPER MANUFACTURING CO., LTD.

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®)
National Plumbing Code of Canada

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

ASTM F 1807-2008 and CSA B137.5-05



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 3

Void After: May 2017

Product: Metal Insert Fittings Utilizing a Copper or Copper Alloy Crimp Ring for SDR 9 Crosslinked Polyethylene (PEX) Tubing

File No. 6852

Issued To: Zhejiang Hailiang Co., Ltd. C/o Hailiang (vietnam) Copper Manufacturing Co., Ltd.

MODELS:

<u>Description</u>	<u>Sizes</u>
BRASS PEX MALE ADAPTER	3/8" to 1 1/4"
BRASS PEX FEMALE ADAPTER	3/8" to 1 1/4"
BRASS PEX MALE SWEAT ADAPTER	3/8" to 1 1/4"
BRASS PEX FEMALE SWEAT ADAPTER	3/8" to 1 1/4"
BRASS PEX TEE	3/8" to 1 1/4"
BRASS PEX COUPLING	3/8" to 1 1/4"
BRASS PEX 90 DEGREE ELBOW	3/8" to 1 1/4"
BRASS PEX PLUG	3/8" to 1 1/4"
Brass PEX MPT Elbow	3/8" to 1 1/4"
Brass PEX Swivel FPT Adapter	3/8" to 1 1/4"
Brass PEX Drop-ear FPT ELBOW	3/8" to 1 1/4"
Brass PEX Swivel Elbows W/Plastic or brass Nut	3/8" to 1 1/4"
Copper 90 Elbow PEX to Copper	3/8" to 1 1/4"
Copper stub out elbow (to maximum 12" length and header ends consisting of plain end, closed, barbed or threaded adapters or Tee)	3/8" to 1 1/4",
Copper straight copper stub	3/8" to 1 1/4"
Copper crimp rings	3/8" to 1 1/4"
Copper crimp rings with stop	3/8" to 1 1/4"
DZR Brass PEX Male Adapter	3/8" to 1 1/4"
DZR Brass PEX Female Adapter	3/8" to 1 1/4"
DZR Brass PEX Male Sweat Adapter	3/8" to 1 1/4"
DZR Brass PEX Female Sweat Adapter	3/8" to 1 1/4"
DZR Brass PEX Tee	3/8" to 1 1/4"
DZR Brass PEX Coupling	3/8" to 1 1/4"
DZR Brass PEX 90 Degree Elbow	3/8" to 1 1/4"
DZR Brass PEX Plug	3/8" to 1 1/4"
DZR Brass PEX MPT Elbow	3/8" to 1 1/4"
DZR Brass PEX Swivel FPT Adapter	3/8" to 1 1/4"
DZR Brass PEX Drop-ear FPT Elbow	3/8" to 1 1/4"
DZR Brass PEX Swivel Elbows w/Plastic or Brass Nut	3/8" to 1 1/4"



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 4

Void After: May 2017

Product: Metal Insert Fittings Utilizing a Copper or Copper Alloy Crimp Ring for SDR 9 Crosslinked Polyethylene (PEX) Tubing File No. 6852
 Issued To: Zhejiang Hailiang Co., Ltd. C/o Hailiang (vietnam) Copper Manufacturing Co., Ltd.

ADDITIONAL COMPANY INFO:

CB Supplies

PEX Fittings, DZR Brass

<u>Model</u>	<u>Description</u>	<u>Size</u>
CBXE	PEX INSERT BRASS 90 ELBOW	3/8" to 1 1/4"
CBXT	PEX INSERT BRASS TEE	3/8" to 1 1/4"
CBXC	PEX COUPLING	3/8" to 1 1/4"
CBXBC	PEX TRANSITION COUPLING	3/8" to 1"
CBXP	BRASS PEX PLUG	3/8" to 1 1/4"
CBXMC	PEX x MIP ADAPTER	3/8" to 1 1/4"
CBXFC	PEX x FIP ADAPTER	3/8" to 1 1/4"
CBXC M	PEX x MALE SWT ADAPTER	3/8" to 1 1/4"
CBXC F	PEX x FEMALE SWT ADAPTER	3/8" to 1 1/4"
CBXE MC	PEX x MALE SWT 90 ELBOW	3/8" to 1 1/4"
CBXE FC	PEX x F SWT 90 ELBOW	3/8" to 1 1/4"
CBXME	INSERT x MIP BRASS 90 ELBOW	3/8" to 1 1/4"
CBXSE C	INS x FPT SWIVLE ELBOW	3/8" to 1 1/4"
CBXSE CB	INS x FPT SWIVLE ELBOW W/BRASS NUT	3/8" to 1 1/4"
CBXSA	SWIVLE ADAPTER	3/8" to 1 1/4"
CBXSA B	SWIVLE ADAPTER W/BRASS NUT	3/8" to 1 1/4"
CBXDE C	PEX x FIP DROP EAR ELBOW	3/8" to 1 1/4"
NO-LEAD BRASS -	PEX INSERT BRASS TEE	3/8" to 1-1/4"
NO-LEAD BRASS -	PEX INSERT BRASS 90 ELBOW	3/8" to 1-1/4"
NO-LEAD BRASS -	PEX X MALE SWT 90 ELBOW	3/8" to 1-1/4"
NO-LEAD BRASS -	PEX X FPT NUT SWIVEL ELBOW	3/8" to 1-1/4"
NO-LEAD BRASS -	PEX X FIP DROP EAR ELBOW	3/8" to 1-1/4"
NO-LEAD BRASS -	PEX COUPLING	3/8" to 1-1/4"
NO-LEAD BRASS -	PEX x FIP ADAPTER	3/8" to 1-1/4"
NO-LEAD BRASS -	PEX x MIP ADAPTER	3/8" to 1-1/4"
NO-LEAD BRASS -	PEX x MALE SWT ADAPTER	3/8" to 1-1/4"
NO-LEAD BRASS -	PEX x FEMALE SWT ADAPTER	3/8" to 1-1/4"
NO-LEAD BRASS -	PEX x FIP SWIVEL ADAPTER	3/8" to 1-1/4"
NO-LEAD BRASS -	PEX PLUG	3/8" to 1-1/4"

Conbraco Industries, Inc.

<u>Model No.</u>	<u>Description</u>
APXSTUB8	1/2" x 3-1/2" x 8" PEX Stub Out Elbow
APXCR1210PK	1/2" Black Copper Crimp Rings - 10PK
APXCR1250PK	1/2" Black Copper Crimp Rings - 50PK
APXCR15PK	1" Black Copper Crimp Rings - 5PK
APXCR3410PK	3/4" Black Copper Crimp Rings - 10PK
APXCR3425PK	3/4" Black Copper Crimp Rings - 25PK
APXCR3810PK	3/8" Black Copper Crimp Rings - 10PK



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Void After: May 2017

Product: Metal Insert Fittings Utilizing a Copper or Copper Alloy Crimp Ring for SDR 9 Crosslinked Polyethylene (PEX) Tubing File No. 6852
 Issued To: Zhejiang Hailiang Co., Ltd. C/o Hailiang (vietnam) Copper Manufacturing Co., Ltd.

APXCR38LT	3/8" Copper PEX Crimp Rings with Positioning Claw - 10PK
APXCR12LT	1/2" Copper PEX Crimp Rings with Positioning Claw - 10PK
APXCR34LT	3/4" Copper PEX Crimp Rings with Positioning Claw - 10PK
APXCR1LT	1" Copper PEX Crimp Rings with Positioning Claw - 10PK
CPXSTUB8	1/2" x 3-1/2" x 8" PEX Stub Out Elbow
CPXCR1210PK	1/2" Black Copper Crimp Rings - 10PK
CPXCR3410PK	3/4" Black Copper Crimp Rings - 10PK
CPXCR12100PK	1/2" Black Copper Crimp Rings - 100PK
CPXCR34100PK	3/4" Black Copper Crimp Rings - 100PK
CPXCR12LT	1/2" Copper PEX Crimp Rings with Positioning Claw - 10PK
CPXCR34LT	3/4" Copper PEX Crimp Rings with Positioning Claw - 10PK
CPXPRO12100PK	1/2" Copper PEX Crimp Rings with Positioning Claw - 100PK
CPXPRO34100PK	3/4" Copper PEX Crimp Rings with Positioning Claw - 100PK

Nibco, Inc.

<u>Model No.</u>	<u>Description</u>
PX80911	1/2" Copper Crimp Sleeve
PX80921	3/4" Copper Crimp Sleeve
PX80931	1" Copper Crimp Sleeve

EVERFLOW SUPPLIES INC.

<u>Description</u>	<u>Sizes</u>
BRASS PEX MALE ADAPTER	3/8" to 1 1/4"
BRASS PEX FEMALE ADAPTER	3/8" to 1 1/4"
BRASS PEX MALE SWEAT ADAPTER	3/8" to 1 1/4"
BRASS PEX FEMALE SWEAT ADAPTER	3/8" to 1 1/4"
BRASS PEX TEE	3/8" to 1 1/4"
BRASS PEX COUPLING	3/8" to 1 1/4"
BRASS PEX 90 DEGREE ELBOW	3/8" to 1 1/4"
BRASS PEX PLUG	3/8" to 1 1/4"
Brass PEX MPT Elbow	3/8" to 1 1/4"
Brass PEX Swivel FPT Adapter	3/8" to 1 1/4"
Brass PEX Drop-ear FPT ELBOW	3/8" to 1 1/4"
Brass PEX Swivel Elbows W/Plastic or brass Nut	3/8" to 1 1/4"
Copper 90 Elbow PEX to Copper	3/8" to 1 1/4"
Copper stub out elbow	3/8" to 1 1/4"
(to maximum 12" length and header ends consisting of plain end, closed, barbed or threaded adapters or Tee)	
Copper straight copper stub	3/8" to 1 1/4"
Copper crimp rings	3/8" to 1 1/4"
Copper crimp rings with stop	3/8" to 1 1/4"
DZR Brass PEX Male Adapter	3/8" to 1 1/4"
DZR Brass PEX Female Adapter	3/8" to 1 1/4"
DZR Brass PEX Male Sweat Adapter	3/8" to 1 1/4"



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 6

Void After: May 2017

Product: Metal Insert Fittings Utilizing a Copper or Copper Alloy Crimp Ring for SDR 9 Crosslinked Polyethylene (PEX) Tubing

File No. 6852

Issued To: Zhejiang Hailiang Co., Ltd. C/o Hailiang (vietnam) Copper Manufacturing Co., Ltd.

DZR Brass PEX Female Sweat Adapter	3/8" to 1 1/4"
DZR Brass PEX Tee	3/8" to 1 1/4"
DZR Brass PEX Coupling	3/8" to 1 1/4"
DZR Brass PEX 90 Degree Elbow	3/8" to 1 1/4"
DZR Brass PEX Plug	3/8" to 1 1/4"
DZR Brass PEX MPT Elbow	3/8" to 1 1/4"
DZR Brass PEX Swivel FPT Adapter	3/8" to 1 1/4"
DZR Brass PEX Drop-ear FPT Elbow	3/8" to 1 1/4"
DZR Brass PEX Swivel Elbows w/Plastic or Brass Nut	3/8" to 1 1/4"