

*Effective Date: December 2023**This listing is subject to re-examination in one year.*www.icc-es-pmg.org | (800) 423-6587 | (562) 699-0543

A Subsidiary of the International Code Council®

CSI: DIVISION: 22 00 00—PLUMBING
Section: 22 11 16—Domestic Water Piping
Section: 22 11 00—Facility Water Distribution

DIVISION: 23 00 00—HEATING, VENTILATING AND AIR-CONDITIONING (HVAC)
Section: 23 21 13—Hydronic Piping

Product certification system:

The ICC-ES product certification system includes testing samples taken from the market or supplier's stock, or a combination of both, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the supplier's quality system.

Product: NIBCO Press System: Press copper and copper alloy fittings used in service and distribution piping for:

- Hot and Cold Domestic Water
- Potable Drinking and Cooking Water
- Condenser and Chilled Water
- Hot Water Heating

Listee: NIBCO Inc.
1516 Middlebury Street
Elkhart, Indiana 46516
www.nibco.com

Additional Listee:

Milwaukee Valve
16550 West Stratton Drive
New Berlin, Wisconsin 53151
www.milwaukeevalve.com

Compliance with the following codes:

2021, 2018, 2015, 2012, 2009 and 2006 *International Residential Code*® (IRC)
2024, 2021, 2018, 2015, 2012, 2009 and 2006 *International Plumbing Code*® (IPC)
2024, 2021, 2018, 2015, 2012, 2009 and 2006 *International Mechanical Code*® (IMC)
2024, 2021, 2018, 2015, 2012, 2009 and 2006 *Uniform Plumbing Code** (UPC)
2024, 2021, 2018, 2015, 2012, 2009 and 2006 *Uniform Mechanical Code** (UMC)
2022, 2019, 2016, 2013 and 2010 *California Plumbing Code* (CPC)
2022, 2019, 2016, 2013 and 2010 *California Mechanical Code* (CMC)
2023, 2020 and 2017 *City of Los Angeles Plumbing Code*
2023, 2020 and 2017 *City of Los Angeles Mechanical Code*

2021, 2017 and 2007 Code of Massachusetts Regulation 248 CMR 10.00: Uniform State Plumbing Code

2021 and 2017 Massachusetts State Building Code 780 CMR Ninth Edition: Chapter 28

2017 Uniform Illustrated Plumbing Code - India* (UIPC-India)

ASME B31 Code for Pressure Pipe; standards B31.1-2022, B31.3-2022 and B31.9-2020

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Compliance with the following standards:

ASME B16.51-2021, Copper and Copper Alloy Press-Connect Pressure Fittings
 ICC-ES LC1002-2013, Press-Connection Fittings for Potable Water Tube and Radiant Heating Systems
 IAPMO/ANSI/CAN Z1117-2022, Press Connections
 NSF/ANSI/CAN 61-2022, Drinking Water Systems Components—Health Effects
 NSF/ANSI/CAN 372-2022, Drinking Water Systems Components—Lead Content

Identification:

Product must bear permanent markings with the following:

- a) Manufacturer's name or trademark.
- b) Nominal size corresponding to the copper tube size.

Packaging must be marked with the following:

- a) Manufacturer's name or trademark.
- b) Product name
- c) Model number
- d) Date of manufacture (date code or batch code)
- e) ICC-ES PMG listing mark

Installation:

NIBCO Press fittings must be installed in accordance with this listing, the applicable code and the manufacturer's published installation instructions. The manufacturer's published installation instructions must be furnished to the code official.

Models:

The NIBCO Press fittings are available in sizes from 1/2 inch to 4 inches. NIBCO Press fittings are rated for a maximum operating pressure of 200 pounds per square inch (psi) (1378 kPa). Fittings are available in copper or copper alloy and are provided with a factory-installed EPDM (ethylene propylene diene monomer) sealing element. 2 inches or smaller fittings have an integrated leak detection feature. The function of the leak feature is to identify connections which have not been pressed.

Fitting Type [1][2][3]	Size
PC600 R P x P Reducer Coupling [G]	1/2" - 4"
PC600-2 FTG x P Fitting Reducer [G]	1/2" - 4"
PC600 DS P x P Dimple Stop Coupling [G]	1/2" - 4"
PC600 RS P x P Roll Stop Coupling [G]	2-1/2" - 4"
PC601 P x P Coupling without Stop [G]	1/2" - 4"
PC601L PRS x PRS Rep Coup (No Stop) LD	1/2" - 2"
PC603 P x F Adapter [G]	1/2" x 3/8" - 4" x 4"
PC603 P x M Adapter [G]	1/2" - 4"
PC603-2 FTG x F Adapter WROT	1/2" - 2"
PC603-2R FTG x F Adapter WROT	1/2" x 3/8", 1/2" x 3/4", 3/4" x 1/2", 1 x 1/2", 1-1/4" x 1/2"
PC604 P PEX x P Adapter [G]	1/2" x 1/2" - 1" x 1"

PC604-2 FTG x F Adapter WROT	1/2" - 2"
PC604-2R FTG x F Adapter WROT	1/2" x 3/8", 1/2" x 3/4", 3/4" x 1/2", 1 x 1/2"
PC606 P x P 45° Elbow [G]	1/2" - 4"
PC606-2 FTG x P 45° Elbow [G]	1/2" - 4"
PC607 P x P 90° Elbow [G]	1/2" - 4"
PC607-2 FTG x P 90° Fitting Elbow [G]	1/2" - 4"
PC607-LT FTG x P 90° Long Radius Fitting Elbow [G]	2-1/2" - 4"
PC607-3 P x F 90° Elbow [G]	1/2" x 3/8" - 2" x 2"
PC607-4 P x M 90° Elbow [G]	1/2" x 1/2" - 2" x 2"
PC607-LT P x P 90° Long Radius Elbow [G]	2-1/2" - 4"
PC611 P x P x P Tee [G]	1/2" - 4"
PC612 P x P x F Thread Tee [G]	2-1/2" x 2-1/2" x 3/4" - 4" x 2" x 2"
PC612 ^a PC612 ^b PRS x PRS x F Tee LD [G]	1/2", 3/4" x 3/4" x 1/2", 3/4" x 3/4" x 1/4", 1" x 1" x 1/2", 1" x 1" x 3/4", 1-1/4" x 1-1/4" x 1/2", 1-1/4" x 1-1/4" x 3/4", 1-1/2" x 1-1/2" x 1/2", 1- 1/2" x 1-1/2" x 3/4", 2" x 2" x 1/2", 2" x 2" x 3/4"
PC617 P Tube Cap [G]	1/2" - 4"
PC633 P x P Union [G]	1/2" - 2"
PC633-3 P x F Union LD [G]	1/2" - 2"
PC633-4 P x M Union [G]	1/2" - 2"
PC634 P x F BSP Tailpiece [G]	1/2" x 1", 3/4" x 1", 1" x 1", 1" x 1-1/4"
PC636 P x P Crossover Coupling [G]	1/2" - 2"
PC641 Flange Adapter [G]	2-1/2" - 4"
PC707-3-5 Press x F 90° Drop Elbow [G]	1/2"
PC707-3-5 Press x F 90° Drop Elbow [G]	3/4"
PC707-3-5A-S Press x Press 90° Drop Elbow [G]	1/2"
PC741 NIBCO Adapter Flange (P x Flange)	1" - 2"

ANSI 372 with another agency and is in compliance with California's Health & Safety Code Section 116875 (commonly known as AB1953) and Vermont Act 193. Weighted average lead content <=0.25%; Solder and flux lead content <=0.2%

[1] May also include 'R' suffix.

[2] May also include one of the following prefixes: UCP, U, UTP, USP, UPP, UP, UMP, UHP,UBP, PP, MPP, CP, MCP, C, CS, MCC, CL or CLC.

[3] May also include a '9' prefix.

Additional Listee Models:

The Milwaukee Valve Press fittings are available in sizes from 1/2 inch to 4 inches. The Milwaukee Valve Press fittings are rated for a maximum operating pressure of 200 pounds per square inch (psi) (1378 kPa). Fittings are available in copper or copper alloy and are provided with a factory-installed EPDM (ethylene propylene diene monomer) sealing element. 2 inches or smaller fittings have an integrated leak detection feature. The function of the leak feature is to identify connections which have not been pressed.

Fitting Type [1][2][3]	Size
PCM600 R P x P Reducer Coupling [G]	1/2" - 4"
PCM600-2 FTG x P Fitting Reducer [G]	1/2" - 4"
PCM600 DS P x P Dimple Stop Coupling [G]	1/2" - 4"
PCM600 RS P x P Roll Stop Coupling [G]	2-1/2" - 4"
PCM601 P x P Coupling without Stop [G]	1/2" - 4"
PCM601L PRS x PRS Rep Coup (No Stop) LD	1/2" - 2"
PCM603 P x F Adapter [G]	1/2" x 3/8" - 4" x 4"
PCM603 P x M Adapter [G]	1/2" - 4"

PCM603-2 FTG x F Adapter WROT	1/2" - 2"
PCM603-2R FTG x F Adapter WROT	1/2" x 3/8", 1/2" x 3/4", 3/4" x 1/2", 1 x 1/2", 1-1/4" x 1/2"
PCM604 P PEX x P Adapter [G]	1/2" x 1/2" - 1" x 1"
PCM604-2 FTG x F Adapter WROT	1/2" - 2"
PCM604-2R FTG x F Adapter WROT	1/2" x 3/8", 1/2" x 3/4", 3/4" x 1/2", 1 x 1/2"
PCM606 P x P 45° Elbow [G]	1/2" - 4"
PCM606-2 FTG x P 45° Elbow [G]	1/2" - 4"
PCM607 P x P 90° Elbow [G]	1/2" - 4"
PCM607-2 FTG x P 90° Fitting Elbow [G]	1/2" - 4"
PCM607-LT FTG x P 90° Long Radius Fitting Elbow [G]	2-1/2" - 4"
PCM607-3 P x F 90° Elbow [G]	1/2" x 3/8" - 2" x 2"
PCM607-4 P x M 90° Elbow [G]	1/2" x 1/2" - 2" x 2"
PCM607-LT P x P 90° Long Radius Elbow [G]	2-1/2" - 4"
PCM611 P x P x P Tee [G]	1/2" - 4"
PCM612 P x P x F Thread Tee [G]	2-1/2" x 2-1/2" x 3/4" - 4" x 2" x 2"
PCM612 PRS x PRS x F Tee LD [G]	1/2", 3/4" x 3/4" x 1/2", 3/4" x 3/4" x 1/4", 1" x 1" x 1/2", 1" x 1" x 3/4", 1-1/4" x 1-1/4" x 1/2", 1-1/4" x 1-1/4" x 3/4", 1- 1/2" x 1-1/2" x 1/2", 1-1/2" x 1-1/2" x 3/4", 2" x 2" x 1/2", 2" x 2" x 3/4"
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PCM636 P x P Crossover Coupling [G]	1/2" - 2"
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PCM707-3-5 Press x F 90° Drop Elbow [G]	1/2"
PCM707-3-5 Press x F 90° Drop Elbow [G]	3/4"
PCM707-3-5A-S Press x Press 90° Drop Elbow [G]	1/2"
PCM741 NIBCO Adapter Flange (P x Flange)	1" - 2"

[G] Product also certified to NSF/ANSI 372 with another agency and is in compliance with California's Health & Safety Code Section 116875 (commonly known as AB1953) and Vermont Act 193. Weighted average lead content <=0.25%; Solder and flux lead content <=0.2%

[1] May also include 'R' suffix.

[2] May also include one of the following prefixes: UCP, U, UTP, USP, UPP, UP, UMP, UHP,UBP, PP, MPP, CP, MCP, C, CS, MCC, CL or CLC.

[3] May also include a '9' prefix.

Conditions of listing:

1. Fittings are for use with ASTM B 88, Type K, L, or M, hard drawn copper.
2. Operating temperature range for potable water must be within 32°F to 250°F (0°C to 121°C). Operating temperature range for hydronic systems must be within 20°F to 250°F (-29°C to 121°C).
3. The fittings have not been evaluated for use when embedded in a solid material such as concrete.

4. The potable water distribution system utilizing the NIBCO Press fittings must be pressure-tested and inspected in accordance with IPC Section 312.5 and IRC Section P2503 or UPC Section 609.4, as applicable.
5. Radiant heating systems must be pressure-tested for leaks before installation of the covering in accordance with IMC Section 1208, IRC Section M2103, as applicable
6. The fittings under a quality control program with an annual surveillance inspection by ICC-ES.