

# ICC-ES Report

## PMG-1256

ICC-ES | (800) 423-6587 | (562) 699-0543 | [www.icc-es.org](http://www.icc-es.org)

Reissued 10/2017  
This report is subject to renewal 06/2018

EVALUATION SUBJECT:

## PUSH FIT FITTINGS

**DIVISION:**

22 00 00—PLUMBING

**SECTION:**

22 11 16—DOMESTIC WATER PIPING

Report Holder:

### IDC PLUMBING AND HEATING TECHNOLOGY (BEIJING) LTD.

3<sup>RD</sup> FLOOR, UNIT 2, BUILDING 2, SECTION A  
ZHAOWEI SCIENCE & TECHNOLOGY PARK, NO. 14, JIUXIANQIAO ROAD  
CHAORYANG DISTRICT, BEIJING 100016 CHINA



Look for the ICC-ES marks of Conformity!



ICC-ES Evaluation Reports are not to be construed as representing aesthetics or any other attributes not specifically addressed, nor are they to be construed as an endorsement of the subject of the report or a recommendation for its use. There is no warranty by ICC Evaluation Service, LLC, express or implied, as to any finding or other matter in this report, or as to any product covered by the report. Copyright © 2017 ICC Evaluation Service, LLC. All rights reserved.



## ICC-ES PMG Product Certificate

**PMG-1256**



Effective Date: June 2017

This listing is subject to re-examination in one year.

[www.icc-es-pmg.org](http://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

### 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: Push Fit Fittings

Listee: IDC Plumbing and Heating Technology (Beijing) Ltd.  
3<sup>rd</sup> Floor, Unit 2, Building 2, Section A  
Zhaowei Science & Technology Park, No. 14, Jiuxianqiao Road  
Chaoyang District, Beijing 100016 CHINA  
[www.idcgroup.com.cn](http://www.idcgroup.com.cn)

### Compliance with the following codes:

2018, 2015, 2012 and 2009 *International Plumbing Code*® (IPC)  
2018, 2015, 2012 and 2009 *International Residential Code*® (IRC)  
2015, 2012 and 2009 *Uniform Plumbing Code*® (UPC)\*  
2015, 2010 and 2005 *National Plumbing Code Canada*® (NPC)\*\*

\*Uniform Plumbing Code is a copyrighted publication of the International Association of Plumbing and Mechanical Officials

\*\*National Plumbing Code Canada is a copyrighted publication of the National Research Council Canada

### Compliance with the following standard:

ASSE 1061-2015, Performance Requirements for Push-fit Fittings  
ICC-ES LC1009 (April 2010), PMG Listing Criteria for Push-Fit Fittings for Potable Water Tube and Radiant Heating Systems  
IGC188-2009 Removable and Non-Removable Push Fit Fittings  
NSF/ANSI 61-2016, Drinking Water Systems Components—Health Effects  
NSF/ANSI 14-2016a, Plastics Piping System Components and Related Materials

### Identification:

Each fitting shall be permanently marked with the following information:

- (a) Name of manufacturer or trademark; or
- (b) in the case of private labelling, the name, trademark or other mark of customer for whom the fitting was manufactured
- (c) Nominal Size
- (d) When a fitting is not suitable for all four (4) materials, it shall be marked as follows for the materials for which they are suitable:
  - Copper or Cu
  - CPVC
  - PEX
  - PE-RT
- (e) ICC-ES PMG listing mark

NOTE: Marking shall be visible after installation. Fittings 1/2" or smaller may use a permanent label complying with the requirements of UL 969 or CSA C22.2 N. 0.15 to display the required markings. For fittings 3/4" and smaller, the tubing material can be indicated on packaging literature.

## Installation:

Each Fitting shall be installed in accordance with the manufacturer's instructions and the requirements of the IPC and UPC.

## Models:

Push fit fittings that have a quick assembly push fit mechanism that can be used with Copper, PEX and CPVC tubing and pipes. The following models that are manufactured with C69300, HWQ60-1, or C48600 brass are also in compliance with NSF/ANSI 14.

Model No.	Size	Description
2PBA011	1/2" x 1/2"	Straight Coupling
2PBA022	3/4" x 3/4"	Straight Coupling
2PBA021	3/4" x 1/2"	Reducing Coupling
2PBA033	1"	Coupling
2PBA032	3/4" x 1"	reducing coupling
2PBAA11	1/2" x 1/2"	Straight Coupling
2PBAA22	3/4" x 3/4"	Straight Coupling
2PBAA33	1" x 1"	Coupling
2PBAA21	3/4" x 1/2"	Reduced Coupling
2PBAA32	1" x 3/4"	Reduced Coupling
2PBAAb11	1/2" x 1/2"	Straight Coupling
2PBAAb22	3/4" x 3/4"	Straight Coupling
2PBAAb33	1" x 1"	Coupling
2PBAAb21	3/4" x 1/2"	Reducing Coupling
2PBAAb32	1" x 3/4"	Reducing Coupling
2PBAAc11	1/2" x 1/2"	Straight Coupling
2PBAAc22	3/4" x 3/4"	Straight Coupling
2PBAAc33	1" x 1"	Coupling
2PBAAc21	3/4" x 1/2"	Reducing Coupling
2PBAAc32	1" x 3/4"	Reducing Coupling
2PBAAc11	1/2" x 1/2"	Straight Coupling
2PBAAc22	3/4" x 3/4"	Straight Coupling
2PBAAc33	1" x 1"	Coupling
2PBAAc21	3/4" x 1/2"	Reducing Coupling
2PBAAc32	1" x 3/4"	Reducing Coupling
2PBAB011	1/2" x 1/2" 90°	Elbow
2PBAB111	1/2"	Wall-plated elbow (drop-ear)
2PBAB022	3/4" x 3/4" 90°	Elbow
2PBAB021	3/4" x 1/2" 90°	Reducing Elbow
2PBAB033	1" 90°	Elbow
2PBABa11	1/2" x 1/2"	90° Elbow
2PBABa22	3/4" x 3/4"	90° Elbow
2PBABa33	1" x 1" 90°	Elbow
2PBABa21	3/4" x 1/2"	90° Reducing Elbow
2PBABa10	1/2" x 1/2"	Wall-plated Elbow
2PBABb11	1/2" x 1/2"	90° Elbow
2PBABb22	3/4" x 3/4"	90° Elbow
2PBABb33	1" x 1"	90° Elbow
2PBABb21	3/4" x 1/2"	90° Reducing Elbow
2PBABb10	1/2" x 1/2"	Wall-plated elbow
2PBABc11	1/2" x 1/2"	90° Elbow
2PBABc22	3/4" x 3/4" 90°	Elbow
2PBABc33	1" x 1" 90°	Elbow
2PBABc21	3/4" x 1/2" 90°	Reducing Elbow
2PBABc10	1/2" x 1/2"	Wall-plated Elbow
2PBABc11	1/2" x 1/2"	90° Elbow
2PBABc22	3/4" x 3/4"	90° Elbow
2PBABc33	1" x 1"	90° Elbow
2PBABc21	3/4" x 1/2"	90° Reducing Elbow
2PBABc10	1/2" x 1/2"	Wall-plated Elbow
2PBBC001	1/2" x 1/2" x 1/2"	Tee
2PBBC002	3/4" x 3/4" x 3/4"	Reducing Tee
2PBBC004	3/4" x 3/4" x 1/2"	Reducing Tee
2PBBC005	3/4" x 1/2" x 3/4"	Reducing Tee
2PBBC006	3/4" x 1/2" x 1/2"	Reducing Tee
2PBBC003	1"	Tee
2PBBC007	1" x 1" x 3/4"	Reducing Tee
2PBBCa01	1/2" x 1/2" x 1/2"	Tee

2PBCa02	3/4" x 3/4" x 3/4"	Tee
2PBCa03	3/4" x 3/4" x 3/4"	Tee
2PBCa04	3/4" x 3/4" x 1/2"	Reducing Tee
2PBCa05	3/4" x 1/2" x 3/4"	Reducing Tee
2PBCa06	3/4" x 1/2" x 1/2"	Reducing Tee
2PBCa07	1" x 1" x 3/4"	Reducing Tee
2PBCb01	1/2" x 1/2" x 1/2"	Tee
2PBCb02	3/4" x 3/4" x 3/4"	Tee
2PBCb03	1" x 1" x 1"	Tee
2PBCb04	3/4" x 3/4" x 1/2"	Reducing Tee
2PBCb05	3/4" x 1/2" x 3/4"	Reducing Tee
2PBCb06	3/4" x 1/2" x 1/2"	Reducing Tee
2PBCb07	1" x 1" x 3/4"	Reducing Tee
2PBCc01	1/2" x 1/2" x 1/2"	Tee
2PBCc02	3/4" x 3/4"	Tee
2PBCc03	1" x 1" x 1"	Tee
2PBCc04	3/4" x 3/4" x 1/2"	Reducing Tee
2PBCc05	3/4" x 1/2" x 3/4"	Reducing Tee
2PBCc06	3/4" x 1/2" x 1/2"	Reducing Tee
2PBCc07	1" x 1" x 3/4"	Reducing Tee
2PBCc01	1/2" x 1/2" x 1/2"	Tee
2PBCc02	3/4" x 3/4"	Tee
2PBCc03	1" x 1" x 1"	Tee
2PBCc04	3/4" x 3/4" x 1/2"	Reducing Tee
2PBCc05	3/4" x 1/2" x 3/4"	Reducing Tee
2PBCc06	3/4" x 1/2" x 1/2"	Reducing Tee
2PBCc07	1" x 1" x 3/4"	Reducing Tee
2PBD001	1/2"	Cap
2PBD002	3/4"	Cap
2PBD003	1"	Cap
2PBDA01	1/2"	Cap
2PBDA02	3/4"	Cap
2PBDA03	1"	Cap
2PBDb01	1/2"	Cap
2PBDb02	3/4"	Cap
2PBDb03	1"	Cap
2PBDc01	1/2"	Cap
2PBDc02	3/4"	Cap
2PBDc03	1"	Cap
2PBDc01	1/2"	Cap
2PBDc02	3/4"	Cap
2PBDc03	1"	Cap
2PBE011	1/2" x 1/2"	MNPT Male Straight Connector
2PBE022	3/4" x 3/4"	MNPT Male Straight Connector
2PBE033	1" MNPT	Straight Connector
2PBE032	1" x 3/4"	Male Straight Connector
2PBE012	1/2" x 3/4"	MPT Straight Adapter
2PBEa11	1/2" x 1/2"	MNPT Male Straight Connector
2PBEa22	3/4" x 3/4"	MNPT Male Straight Connector
2PBEa33	1" x 1"	MNPT Male Straight Connector
2PBEa32	1" x 3/4"	MNPT Male Straight Connector
2PBEa12	1/2" x 3/4"	DZR MPT Straight Adapter
2PBEb11	1/2" x 1/2"	MNPT Male Straight Connector
2PBEb22	3/4" x 3/4"	MNPT Male Straight Connector
2PBEb33	1" x 1"	MNPT Male Straight Connector
2PBEb32	1" x 3/4"	MNPT Male Straight Connector
2PBEb12	1/2" x 3/4"	MPT Straight Adapter
2PBEc12	1/2" x 3/4"	MPT Straight Adapter
2PBEc11	1/2" x 1/2"	Male Straight Connector
2PBEc22	3/4" x 3/4"	Male Straight Connector
2PBEc33	1" x 1"	Male Straight Connector
2PBEc32	1" X 3/4"	Male Straight Connector
2PBEc11	1/2" x 1/2"	Male Straight Connector
2PBEc22	3/4" x 3/4"	Male Straight Connector
2PBEc33	1" x 1"	Male Straight Connector
2PBEc32	1" X 3/4"	Male Straight Connector
2PBEc12	1/2" x 3/4"	MPT Straight Adapter
2PBF011	1/2" x 1/2"	FNPT Female Straight Connector
2PBF022	3/4" x 3/4"	FNPT Female Straight Connector
2PBF033	1" FNPT	Straight Connector
2PBFa11	1/2" x 1/2"	FNPT Female Straight Connector

2PBFa22	3/4" x 3/4"	FNPT Female Straight Connector
2PBFa33	1" x 1"	FNPT Female Straight Connector
2PBFb11	1/2" x 1/2"	FNPT Female Straight Connector
2PBFb22	3/4" x 3/4"	FNPT Female Straight Connector
2PBFb33	1" x 1" FNPT	Female Straight Connector
2PBFc11	1/2" x 1/2"	Female Straight Connector
2PBFc22	3/4" x 3/4"	Female Straight Connector
2PBFc33	1" x 1"	Female Straight Connector
2PBFc11	1/2" x 1/2"	Female Straight Connector
2PBFc22	3/4" x 3/4"	Female Straight Connector
2PBFc33	1" x 1"	Female Straight Connector
2PBG011	1/2" x 1/2"	MPT Elbow
2PBGa11	1/2" x 1/2"	DZR MPT Elbow
2PBGb11	1/2" x 1/2"	MPT Elbow
2PBGc11	1/2" x 1/2"	MPT Elbow
2PBGc11	1/2" x 1/2"	MPT Elbow
2PBH011	1/2" x 1/2"	FPT Elbow
2PBHa11	1/2" x 1/2"	DZR FPT Elbow
2PBHb11	1/2" x 1/2"	FPT Elbow
2PBHc11	1/2" x 1/2"	FPT Elbow
2PBHc11	1/2" x 1/2"	FPT Elbow
2PAAa00	1/4" x 1/4"	Straight Coupling
2PAAa10	1/2"	Slip coupling
2PAAa11	1/2" x 1/2"	Straight Coupling
2PAAa20	3/4"	Slip coupling
2PAAa21	3/4" x 1/2"	Reducing Coupling
2PAAa22	3/4" x 3/4"	Straight Coupling
2PAAa30	1"	Slip coupling
2PAAa32	1" x 3/4"	Reducing Coupling
2PAAa33	1" x1"	Straight Coupling
2PAAa51	3/8" x 1/2"	Reducing Coupling
2PAAa55	3/8" x 3/8"	Straight Coupling
2PAAb00	1/4" x 1/4"	Straight Coupling
2PAAb10	1/2"	Slip coupling
2PAAb11	1/2" x 1/2"	Straight Coupling
2PAAb20	3/4"	Slip coupling
2PAAb21	3/4" x 1/2"	Reducing Coupling
2PAAb22	3/4" x 3/4"	Straight Coupling
2PAAb30	1"	Slip coupling
2PAAb32	1" x 3/4"	Reducing Coupling
2PAAb33	1" x1"	Straight Coupling
2PAAb51	3/8" x 1/2"	Reducing Coupling
2PAAb55	3/8" x 3/8"	Straight Coupling
2PAAc10	1/2"	Slip coupling
2PAAc11	1/2" x 1/2"	Straight Coupling
2PAAc20	3/4"	Slip coupling
2PAAc21	3/4" x 1/2"	Reducing Coupling
2PAAc22	3/4" x 3/4"	Straight Coupling
2PAAc30	1"	Slip coupling
2PAAc32	1" x 3/4"	Reducing Coupling
2PAAc33	1" x1"	Straight Coupling
2PAAc51	3/8" x 1/2"	Reducing Coupling
2PAAc55	3/8" x 3/8"	Straight Coupling
2PAAd00	1/4" x 1/4"	Straight Coupling
2PAAd11	1/2" x 1/2"	Straight Coupling
2PAAd22	3/4" x 3/4"	Straight Coupling
2PAAd33	1" x1"	Straight Coupling
2PAAd55	3/8" x 3/8"	Straight Coupling
2PAAd21	3/4" x 1/2"	Reducing Coupling
2PAAd32	1" x 3/4"	Reducing Coupling
2PAAd10	1/2"	Slip coupling
2PAAd20	3/4"	Slip coupling
2PAAd30	1"	Slip coupling
2PAAd51	3/8" x 1/2"	Reducing Coupling
2PABa00	1/4" x 1/4"	90deg. Elbow
2PABa10	1/2" x1/2"	Wall-plated elbow
2PABa11	1/2" x 1/2"	90deg. Elbow
2PABa21	3/4" x 1/2"	90deg. Reducing Elbow
2PABa22	3/4" x 3/4"	90deg. Elbow
2PABa32	1" x 3/4"	Reducing Elbow
2PABa33	1" x 1"	90deg. Elbow

2PABa55	3/8"x 3/8"	90deg. Elbow
2PABb00	1/4" x 1/4"	90deg. Elbow
2PABb10	1/2" x1/2"	Wall-plated elbow
2PABb11	1/2" x 1/2"	90deg. Elbow
2PABb21	3/4" x 1/2"	90deg. Reducing Elbow
2PABb22	3/4" x 3/4"	90deg. Elbow
2PABb32	1"x 3/4"	Reducing Elbow
2PABb33	1" x 1"	90deg. Elbow
2PABb55	3/8"x 3/8"	90deg. Elbow
2PABc10	1/2" x1/2"	Wall-plated elbow
2PABc11	1/2" x 1/2"	90deg. Elbow
2PABc21	3/4" x 1/2"	90deg. Reducing Elbow
2PABc22	3/4" x 3/4"	90deg. Elbow
2PABc32	1"x 3/4"	Reducing Elbow
2PABc33	1" x 1"	90deg. Elbow
2PABc55	3/8"x 3/8"	90deg. Elbow
2PABd00	1/4"x 1/4"	90deg Elbow
2PABd11	1/2" x 1/2"	90deg ° Elbow
2PABd22	3/4" x 3/4"	90deg Elbow
2PABd33	1" x 1"	90deg Elbow
2PABd55	3/8"x 3/8"	90deg Elbow
2PABd21	3/4" x 1/2"	90deg Reducing Elbow
2PABd10	1/2" x1/2"	Wall-plated elbow
2PABd32	1"x 3/4"	Reducing Elbow
2PACa00	1/4" x 1/4" x 1/4"	Tee
2PACa01	1/2" x 1/2" x 1/2"	Tee
2PACa02	3/4" x 3/4" x 3/4"	Tee
2PACa03	1" x 1" x 1"	Tee
2PACa04	3/4" x 3/4" x 1/2"	Reducing Tee
2PACa05	3/4" x 1/2" x 3/4"	Reducing Tee
2PACa06	3/4" x 1/2" x 1/2"	Reducing Tee
2PACa07	1" x 1" x 3/4"	Reducing Tee
2PACa08	1/2" x 1/2" x 1/4"	Reducing Tee
2PACa09	1/2"x 1/2" x 3/8"	Reducing Tee
2PACa10	1/2"	Slip Tee
2PACa20	3/4"	Slip Tee
2PACa55	3/8"x 3/8" x 3/8"	Tee
2PACb00	1/4" x 1/4" x 1/4"	Tee
2PACb01	1/2" x 1/2" x 1/2"	Tee
2PACb02	3/4" x 3/4" x 3/4"	Tee
2PACb03	1" x 1" x 1"	Tee
2PACb04	3/4" x 3/4" x 1/2"	Reducing Tee
2PACb05	3/4" x 1/2" x 3/4"	Reducing Tee
2PACb06	3/4" x 1/2" x 1/2"	Reducing Tee
2PACb07	1" x 1" x 3/4"	Reducing Tee
2PACb08	1/2" x 1/2" x 1/4"	Reducing Tee
2PACb09	1/2"x 1/2" x 3/8"	Reducing Tee
2PACb10	1/2"	Slip Tee
2PACb20	3/4"	Slip Tee
2PACb55	3/8"x 3/8" x 3/8"	Tee
2PACc01	1/2" x 1/2" x 1/2"	Tee
2PACc02	3/4" x 3/4" x 3/4"	Tee
2PACc03	1" x 1" x 1"	Tee
2PACc04	3/4" x 3/4" x 1/2"	Reducing Tee
2PACc05	3/4" x 1/2" x 3/4"	Reducing Tee
2PACc06	3/4" x 1/2" x 1/2"	Reducing Tee
2PACc07	1" x 1" x 3/4"	Reducing Tee
2PACc09	1/2"x 1/2" x 3/8"	Reducing Tee
2PACc10	1/2"	Slip Tee
2PACc20	3/4"	Slip Tee
2PACc55	3/8"x 3/8" x 3/8"	Tee
2PACd00	1/4"x 1/4"x 1/4"	Tee
2PACd55	3/8"x 3/8"x 3/8"	Tee
2PACd01	1/2" x 1/2" x 1/2"	Tee
2PACd02	3/4" x 3/4" x 3/4"	Tee
2PACd03	1" x 1" x 1"	Tee
2PACd04	3/4" x 3/4" x 1/2"	Reducing Tee
2PACd05	3/4" x 1/2" x 3/4"	Reducing Tee
2PACd06	3/4" x 1/2" x 1/2"	Reducing Tee
2PACd07	1" x 1" x 3/4"	Reducing Tee
2PACd08	1/2"x 1/2"x 1/4"	Reducing Tee

2PACd09	1/2"x 1/2"x 3/8"	Reducing Tee
2PACd10	1/2"	Slip Tee
2PACd20	3/4"	Slip Tee
2PADa01	1/2"	Cap
2PADa02	3/4"	Cap
2PADa03	1"	Cap
2PADa05	3/8"	End Stop
2PADb01	1/2"	Cap
2PADb02	3/4"	Cap
2PADb03	1"	Cap
2PADb05	3/8"	End Stop
2PADc01	1/2"	Cap
2PADc02	3/4"	Cap
2PADc03	1"	Cap
2PADc05	3/8"	End Stop
2PADd01	1/2"	Cap
2PADd02	3/4"	Cap
2PADd03	1"	Cap
2PADd05	3/8"	End Stop
2PAEa01	1/4" x 1/2"	MNPT Reducing Connector
2PAEa11	1/2" x 1/2"	MNPT Male Straight Connector
2PAEa12	1/2" x 3/4"	MPT STRAIGHT ADAPTER
2PAEa22	3/4" x 3/4"	MNPT Male Straight Connector
2PAEa23	3/4"x 1"	MNPT Reducing Connector
2PAEa32	1" x 3/4"	MNPT Male Straight Connector
2PAEa33	1" x 1"	MNPT Male Straight Connector
2PAEa51	3/8"x 1/2"	MNPT Reducing Connector
2PAEb01	1/4" x 1/2"	MNPT Reducing Connector
2PAEb11	1/2" x 1/2"	MNPT Male Straight Connector
2PAEb12	1/2" x 3/4"	MPT STRAIGHT ADAPTER
2PAEb22	3/4" x 3/4"	MNPT Male Straight Connector
2PAEb23	3/4"x 1"	MNPT Reducing Connector
2PAEb32	1" x 3/4"	MNPT Male Straight Connector
2PAEb33	1" x 1"	MNPT Male Straight Connector
2PAEb51	3/8"x 1/2"	MNPT Reducing Connector
2PAEc11	1/2" x 1/2"	MNPT Male Straight Connector
2PAEc12	1/2" x 3/4"	MPT STRAIGHT ADAPTER
2PAEc22	3/4" x 3/4"	MNPT Male Straight Connector
2PAEc23	3/4"x 1"	MNPT Reducing Connector
2PAEc32	1" x 3/4"	MNPT Male Straight Connector
2PAEc33	1" x 1"	MNPT Male Straight Connector
2PAEc51	3/8"x 1/2"	MNPT Reducing Connector
2PAEd11	1/2" x 1/2"	MNPT Male Straight Connector
2PAEd22	3/4" x 3/4"	MNPT Male Straight Connector
2PAEd33	1" x 1"	MNPT Male Straight Connector
2PAEd32	1" x 3/4"	MNPT Male Straight Connector
2PAEd12	1/2" x 3/4"	MPT STRAIGHT ADAPTER
2PAEd01	1/4"x 1/2"	MNPT Reducing Connector
2PAEd51	3/8"x 1/2"	MNPT Reducing Connector
2PAEd23	3/4"x 1"	MNPT Reducing Connector
2PAFa01	1/4" x 1/2"	FNPT Reducing Connector
2PAFa11	1/2" x 1/2"	FNPT Female Straight Connector
2PAFa12	1/2"x 3/4"	FNPT Reducing Connector
2PAFa22	3/4" x 3/4"	FNPT Female Straight Connector
2PAFa33	1" x 1"	FNPT Female Straight Connector
2PAFa51	3/8"x 1/2"	FNPT Reducing Connector
2PAFb01	1/4" x 1/2"	FNPT Reducing Connector
2PAFb11	1/2" x 1/2"	FNPT Female Straight Connector
2PAFb12	1/2"x 3/4"	FNPT Reducing Connector
2PAFb22	3/4" x 3/4"	FNPT Female Straight Connector
2PAFb33	1" x 1"	FNPT Female Straight Connector
2PAFb51	3/8"x 1/2"	FNPT Reducing Connector
2PAFc11	1/2" x 1/2"	FNPT Female Straight Connector
2PAFc12	1/2"x 3/4"	FNPT Reducing Connector
2PAFc22	3/4" x 3/4"	FNPT Female Straight Connector
2PAFc33	1" x 1"	FNPT Female Straight Connector
2PAFc51	3/8"x 1/2"	FNPT Reducing Connector
2PAFd11	1/2" x 1/2"	FNPT Female Straight Connector
2PAFd22	3/4" x 3/4"	FNPT Female Straight Connector
2PAFd33	1" x 1"	FNPT Female Straight Connector
2PAFd01	1/4" x 1/2"	FNPT Reducing Connector

2PAFd12	1/2"x 3/4"	FNPT Reducing Connector
2PAFd51	3/8"x 1/2"	FNPT Reducing Connector
2PAGa11	1/2" x 1/2"	MPT ELBOW
2PAGb11	1/2" x 1/2"	MPT ELBOW
2PAGc11	1/2" x 1/2"	MPT ELBOW
2PAGd11	1/2" x 1/2"	MPT ELBOW
2PAHa11	1/2" x 1/2"	FPT ELBOW
2PAHb11	1/2" x 1/2"	FPT ELBOW
2PAHc11	1/2" x 1/2"	FPT ELBOW
2PAHd11	1/2" x 1/2"	FPT ELBOW
2PAIa11	1/2"x 1/2"	FNPT Drop Ear Elbows
2PAIa22	3/4"x 3/4"	FNPT Drop Ear Elbows
2PAIa51	3/8"x 1/2"	FNPT Drop Ear Elbows
2PAIb11	1/2"x 1/2"	FNPT Drop Ear Elbows
2PAIb22	3/4"x 3/4"	FNPT Drop Ear Elbows
2PAIb51	3/8"x 1/2"	FNPT Drop Ear Elbows
2PAIc11	1/2"x 1/2"	FNPT Drop Ear Elbows
2PAIc22	3/4"x 3/4"	FNPT Drop Ear Elbows
2PAIc51	3/8"x 1/2"	FNPT Drop Ear Elbows
2PAId51	3/8"x 1/2"	FNPT Drop Ear Elbows
2PAId11	1/2"x 1/2"	FNPT Drop Ear Elbows
2PAId22	3/4"x 3/4"	FNPT Drop Ear Elbows
2PAJa02	3/4"x 3/4" x 3/4"	FNPT Tee
2PAJa03	1"x 1" x 1"	FNPT Tee
2PAJa10	1/2"x 1/2" x 1/2"	FNPT Slip Tee
2PAJa20	3/4"x 3/4" x 3/4"	FNPT Slip Tee
2PAJb02	3/4"x 3/4" x 3/4"	FNPT Tee
2PAJb03	1"x 1" x 1"	FNPT Tee
2PAJb10	1/2"x 1/2" x 1/2"	FNPT Slip Tee
2PAJb20	3/4"x 3/4" x 3/4"	FNPT Slip Tee
2PAJc02	3/4"x 3/4" x 3/4"	FNPT Tee
2PAJc03	1"x 1" x 1"	FNPT Tee
2PAJc10	1/2"x 1/2" x 1/2"	FNPT Slip Tee
2PAJc20	3/4"x 3/4" x 3/4"	FNPT Slip Tee
2PAJd02	3/4"x 3/4" x 3/4"	FNPT Tee
2PAJd03	1"x 1" x 1"	FNPT Tee
2PAJd10	1/2"x 1/2" x 1/2"	FNPT Slip Tee
2PAJd20	3/4"x 3/4" x 3/4"	FNPT Slip Tee

Conditions of Listing:

1. The Push Fit Fittings must be installed in accordance with the manufacturer's published installation instructions and the applicable codes.
2. The Push Fit Fittings are manufactured by IDC Plumbing and Heating in Jiaxing, Zhejiang, China, under a quality control program with annual surveillance inspections by ICC-ES.