

## SUBMITTAL SHEET

JOB NAME	ITEM TAG
JOB LOCATION	PART NUMBER
CONTRACTOR	DATE
ENGINEER APPROVAL	DATE

# INSTA-LOC II™ LEAD-FREE PUSH-TO-CONNECT TUBING FITTINGS

## Elbows, Caps, Tees, Couplings and Adapters

Lead-free construction makes the Insta-Loc II™ fittings the ideal choice for all no-lead plumbing systems.

Dezincification-resistant (DZR) forged brass resists corrosion from exposure to a wide variety of water conditions.

Insta-Loc II™ fittings can be installed onto copper, PEX or CPVC tubing. Using the available release tools, they are removable and re-useable.

All configurations are equipped with pre-installed insert stiffeners for PEX tubing installations.

Expanded applications not only include new construction and repair of potable water plumbing distribution, but also hydronic heating systems.

Complete certification as a manufactured joint, all Insta-Loc II™ fittings are suitable for underground and non-accessible, behind-the-wall installations.

Available in various fitting configurations, in nominal tubing sizes 1/2", 3/4" and 1"



### Working Pressure, Non Shock (PSI)

Cold working pressure (CWP): 200 psi at 250° F, maximum temperature\*

**\*CAUTION!** May exceed the maximum service temperature or pressure of the PEX or CPVC tubing.

Saturated Steam (WSP): Not suitable for steam service

### Certifications & Specifications:



- Third-party certified by UPC / IAPMO, in compliance with all State and pending U.S. Federal Public Law (111-380) for all lead-free potable water installations.
- Tested and certified in compliance with ANSI / NSF Standard 61 Annex G.
- Manufactured in an ISO accredited facility.

### SPECIFICATIONS FOR INSTA-LOC II™ PUSH-TO-CONNECT FITTINGS:

All Insta-Loc II™ fittings meet the following Standards for performance, dimensional and material requirements:

#### American National Standards Institute (A.N.S.I.):

ANSI / NSF 14: Plastic Piping System Components and Related Materials

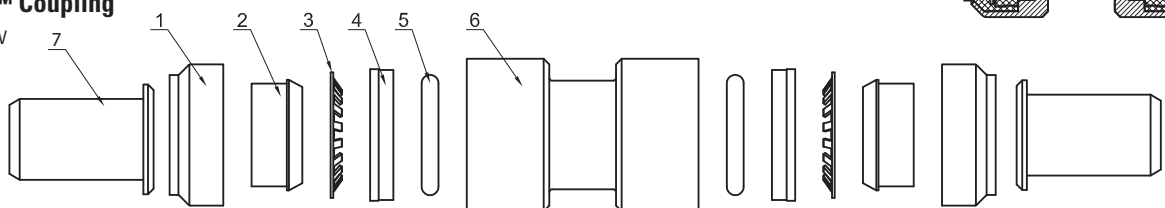
ANSI / ASME B1.20.1 (pipe-threaded configurations only): Pipe Threads, General Purpose (Inch)

#### American Society of Sanitary Engineering (A.S.S.E):

ASSE 1061: Performance Requirements for Push-Fit Fittings

MATERIAL SPECIFICATION			
PART	MATERIAL	SPECIFICATION	
1	Retainer ring	Polyacetal resin	Celcon M90
2	Release collar	Polyacetal resin	Celcon M90
3	Grip ring	Stainless steel	AISI 304
4	Guide ring	Polyacetal resin	Celcon M90
5	O-ring	EPDM Rubber	Commercial grade
6	Body	Lead-free DZR forged brass	UNS C69300
7	Insert stiffener	Polysulfone resin	Commercial grade

**Pictured Insta-Loc II™ Coupling Exploded view**



**Pictured Insta-Loc II™ Coupling Cut-away view**

