

## SUBMITTAL SHEET

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



## LEGENDPRESS UNIONS

### Unions

Press-type end connections eliminate the need for soldering, reducing labor and material costs and eliminating the fire hazard associated with the process.

Press-to-connect connections are designed for installation onto ASTM B88 types K, L and M hard-drawn copper tubing. Coiled (annealed) soft copper tubing is not recommended, but can be used if ends are made round.

Fittings in nominal sizes 1/2" to 2" feature molded recess O-rings, which when un-pressed, create leak paths at multiple points during the pressure test, to quickly identify an un-pressed joint.

1/2" to 2" sizes use VUS profile jaws.

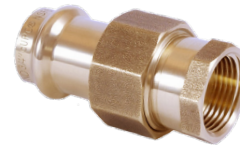
Threaded adapters are lead-free brass.

### Working Pressure, Non Shock (PSI)

Cold working pressure (CWP):	200 psi
Saturated steam (WSP):	15 psi
Maximum service temperature:	250°F



**Pictured:**  
Press x Press



**Pictured:**  
Press x FNPT



**Pictured:**  
Press x MNPT

### MATERIAL SPECIFICATION

PART	MATERIAL
Body Assembly	Lead Free Brass C87860
Gasket	EPDM, Commercial Grade
Clip	Stainless Steel AISI 304
O-ring	EPDM, Commercial Grade

### PRESS FITTING INSERTION DEPTH:

Nominal tubing size:	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
Insertion Depth (in)	1-1/8"	1-3/16"	1-3/16"	1-3/16"	1-3/8"	1-9/16"

### REQUIRED MINIMUM DISTANCE BETWEEN PRESS JOINTS:

Nominal tubing size:	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
Distance (in)	1/2"	1/2"	1/2"	1/2"	5/8"	3/4"

### Certifications/Listings:

NSF/ANSI 61: Drinking water components - Health effects.  
NSF/ANSI 372: Drinking Water components - Lead content.  
Uniform Plumbing Code (UPC).  
National Plumbing Code of Canada.

### Standards:

ANSI/ASME B1.20.1: Standard Specification for Pipe Threads, General Purpose (inch).  
ANSI/ASME B16.51: Copper and copper alloy press-connect pressure fittings.