

SUBMITTAL SHEET

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

WROT COPPER PRESS-TO-CONNECT FITTINGS

LegendPress® Elbows, Caps, Tees, and Couplings

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 the ends are made round.

Fittings in nominal sizes 1/2" to 4" feature molded recess O-rings which, when un-pressed, create leak paths at multiple points during the pressure test, to identify an un-pressed joint quickly.

Available in nominal tubing sizes 1/2" to 4".

1/2" to 2" sizes use VUS profile jaws, and 2-1/2" to 4" sizes use XL-C profile jaws. All sizes use CTS-V profile jaws.

Working Pressure, Non Shock (PSI)

Cold working pressure (CWP): 200 psi
 Saturated steam (WSP): 5 psi maximum

Vacuum-rated to 29.2 in/Hg at 68° F

Operating temperature range: 0° F to 250° F

Approved for:

Hydronic heat and chilled water with propylene glycol, up to 50%.

Compressed air; Must be oil free.

MATERIAL SPECIFICATION

PART	MATERIAL
Press configurations	Wrot copper alloy
O-ring	EPDM rubber
Grip ring*	Stainless steel
Guide ring*	Acetal resin

* 2-1/2" to 4" fittings

PRESS FITTING INSERTION DEPTH

Nominal tubing size:	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
Insertion Depth (in)	3/4"	15/16"	15/16"	1"	1-7/16"	1-5/8"	1-11/16"	1-15/16"	2-3/8"

REQUIRED MINIMUM DISTANCE BETWEEN PRESS JOINTS

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

Certifications/Listings:

Third-party certified.

NSF/ANSI 14: Plastic piping system components and related materials.

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.

IAPMO/ANSI/CAN Z1117: Standard for press connections.

Standards:

ASTM B152 Alloy C11000: Standard Specification for Copper Sheet, Strip and Plated Rolled Bar.

ASTM B75 Alloy C12200: Standard Specification for Seamless Round Copper Tube for general engineering applications.

ANSI/ASME B16.51 Standard Specification for Copper and Copper Alloy Press-Connect Pressure Fittings.

ANSI/ASME B1.20.1: Standard Specification for Pipe Threads, General Purpose (inch).

