EPDM COPPER PRESS (BANDED) SYSTEM DATA SHEET

The MeritPress™ system in copper (banded) is available in ½" – 4" on fittings and ½" – 2" on valves. This system joins ASTM B88 Type K, L, and M ½" – 4" copper tubing in the hard-drawn condition and soft copper tubing in sizes ½" – 1¼". Copper press is available in the EPDM sealing element. Our first to market VIPR technology provides assurances that each fitting is pressed correctly as the band easily removes after it has been pressed. In addition, copper press has a leak before (LBP) press system which gives a visual indication of a connection that has not been pressed.

The Merit Copper Press Offering Includes:

- Adapters: Flange, Pex, Male, Female
- Cap
- Couplings: with Stop, No Stop and Extended No Stop
- 45° Elbows: Standard & Street
- 90° Elbows: Standard & Street
- Tees: Standard, Reducing and Reducing (P x FPT)
- Unions: Female, Male, Dielectric Female and Standard
- Cross Over: Street and Standard

Product Components:

- Lead-free dezincification resistant copper
- EPDM black sealing element
- Box, bag and band are color-coded GREEN for ease of receipt and proper installation per application

Working Pressure & Temperature:

- Working pressure: range from full vacuum to 300 psi
- Temperature range: 0° to 250°F

Copper Press Certifications:

- ICC-ES LC1002
- NSF/ANSI/CAN 61
- NSF/ANSI/CAN 372
- IAPMO Z 1117

Copper Press Valve Certifications:

- ICC-ES LC 1002
- IAPMO/ANSI/CAN Z1157
- NSF/ANSI/CAN 61
- NSF/ANSI/CAN 372

Approved Applications (See Page 12)**:**

- Hot & Cold Potable Water, Rainwater/Gray Water, Chilled Water, Hydronic Heating, Cooling Water, Low Pressure System, Ethanol.

Approved Piping:

- ASTM B88 Type K, L, and M ½" – 4" copper tubing in the hard-drawn condition and soft copper tubing in sizes ½" – 1¼".

Press Tooling Reference Guide (See Page 10).

Please contact our sales team for additional information around our copper press offering at 800.726.9800.

SMALL DIAMETER COPPER END PRESS BALL VALVE – SIZES: ½" – 2"

Copper Press Ball Valve Codes & Standards

- ASME B31.1 Power Piping, B31.3 Process Piping, B31.9 Building Services Piping
- ASME A112.4.14/CSA B125.14 Manually and Automatically Operated Valves for Use in Plumbing Systems
- IPC, IMC, UPC, UMC
- CPC & CMC (California Plumbing and Mechanical Codes)
- City of Los Angeles Plumbing and Mechanical Codes
- Massachusetts Regulation 248 CMR 10.00: Uniform State Plumbing Code
- Massachusetts State Building Code 780 CMR Ninth Edition: Chapter 28

Copper Press Ball Valve Certifications

- ICC-ES LC 1002 Press Connection Fittings for Potable Water Tube and Radiant Heating Systems
- IAPMO/ANSI/CAN Z1157 Ball Valves
- NSF/ANSI/CAN 61 Drinking Water System Components – Health Effects
- NSF/ANSI/CAN 372 Drinking Water System Components – Lead Content

Design Features

Designed to be used with ASTM B88 Type K, L and M ½" – 2" copper tubing in the hard-drawn condition and soft copper tubing in sizes ½" - 1¼".

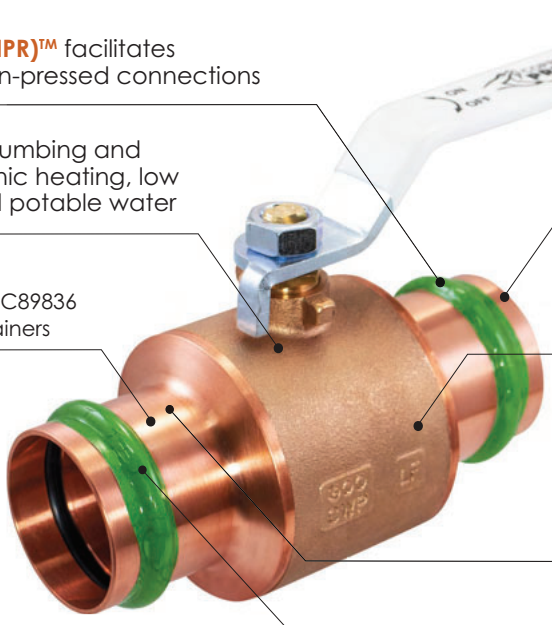
Visual Indicator Press Ring (VIPR)™ facilitates immediate identification of un-pressed connections

Suitable for installation in most plumbing and heating systems including hydronic heating, low pressure steam (15 psi max), and potable water

Maximum Working Pressure: 300 psi

Lead-Free Construction - Cast C89836 Bronze Body with Copper Retainers

Temperature Range: 0°F to 250°F



5 YEAR LIMITED WARRANTY

Leak Before Press in addition to the VIPR, the valve sealing element includes a 4-path LBP system that guarantees a visual indication if not pressed

Copper Ends protect against dezincification and stress corrosion cracking

