



CopperPress[®]

By Merit Brass Co.



Innovative Solutions Driven to Provide Value to Your System

**MERIT
BRASS**
DIRECTING THE FLOW OF *Quality*

Approved Applications

TYPES OF SERVICE		SYSTEM OPERATING CONDITIONS	PRESSURE	TEMPERATURE	EPDM SEALING ELEMENT
FLUIDS & WATER	Hot & Cold Potable Water		300PSI	32F - 250F	YES
	Rainwater/Gray Water		300PSI	32F - 250F	YES
	Fire Sprinkler		175PSI	32F - 250F	YES
	Chilled Water	Ethylene Glycol/Propylene Glycol	300PSI	32F - 250F	YES
	Hydronic Heating	Ethylene Glycol/Propylene Glycol	300PSI	32F - 250F	YES
	Cooling Water	Up to 50% Ethylene Glycol or Propylene Glycol Solution	300PSI	32F - 250F	YES
	Low-Pressure Steam		Up to 15PSI	248F	YES
FUEL, OIL & LUBRICANT	Ethanol	Pure Grain Alcohol	300PSI	32F - 250F	YES
GASES	Compressed Air	Less Than 25mg/m3 Oil Content	300PSI	32F - 250F	YES
	Oxygen - O2 (Non-Med)	Keep Oil and Fat Free/Non-Liquid O2	140PSI	Up to 140F	YES
	Nitrogen - N2		300PSI	32F - 250F	YES
	Carbon Dioxide - CO2	Dry	300PSI	32F - 250F	YES
	Argon	Welding Use	300PSI	Ambient	YES
	Hydrogen - H2		125PSI	0F - 250F	YES
	Vacuum		29.2 in Hg	Call	YES

Tools, Kits, Jaws & Rings

Milwaukee Part #	Tooling Name
2773-20	M18 Force Logic Press Tool (Use M18 Jaws)
2773-22	M18 Force Logic Press Tool Kits (With 1/2" - 2" Jaws)
49-16-2650	M18 1/2" Jaw
49-16-2651	M18 3/4" Jaw
49-16-2652	M18 1" Jaw
49-16-2653	M18 1-1/4" Jaw
49-16-2654	M18 1-1/2" Jaw
49-16-2655	M18 2" Jaw
49-16-2656	M18 2-1/2" Ring
49-16-2657	M18 3" Ring
49-16-2658	M18 4" Ring
49-16-2659	Ring Jaw 1 (2-1/2" - 4")
49-16-2690	M18 Force Logic Press Ring Kit (2-1/2" - 4")

Certifications



CopperPress® Fittings Standard Compliance

- **ICC-ES LC1002**, Press-Connection Fittings for Potable Water Tube and Radiant Heating Systems
- **NSF/ANSI/CAN 61**, Drinking Water System Components - Health Effects
- **NSF/ANSI/CAN 372**, Drinking Water System Components - Lead Content
- **ASME B16.51** Copper and Copper Alloy Press-Connect Pressure Fittings
- **IAPMO PS117** Press Connections



CopperPress® Fittings Code Compliance

- **2021, 2018, 2015, 2012, 2009** and **2006** International Plumbing Code® (IPC)
- **2021, 2018, 2015, 2012, 2009** and **2006** International Mechanical Code® (IMC)
- **2021, 2018, 2015, 2012, 2009** and **2006** International Residential Code® (IRC)
- **2021, 2018, 2015, 2012, 2009** and **2006** Uniform Plumbing Code® (UPC)*
- **2021, 2018, 2015, 2012, 2009** and **2006** Uniform Mechanical Code® (UMC)*
- **2019, 2016, 2013** and **2010** California Plumbing Code (CPC)
- **2019, 2016, 2013** and **2010** California Mechanical Code (CMC)
- **2020** and **2017** City of Los Angeles Plumbing Code
- **2020** and **2017** City of Los Angeles Mechanical Code
- **2017** and **2007** Code of Massachusetts Regulation 248 CMR 10.00: Uniform State Plumbing Code
- **2017** Massachusetts State Building Code 780 CMR Ninth Edition: Chapter 28
- **ASME B31** Code for Pressure Pipe; standards **B31.1.1-2014**, **B31.3-2012** and **B31.9-2014**

* Copyrighted publication of the International Association of Plumbing and Mechanical Officials

Contact Us

Cleveland Headquarters

One Merit Drive/PO Box 43127
Cleveland, OH 44143

Birmingham Distribution Center

220 Oxmoor Court
Birmingham, AL 35209

Dallas Distribution Center

10614 King William Drive
Dallas, TX 75220

Sparks Distribution Center

200 Vista Boulevard Suite #106
Sparks, NV 89434

800.726.9800

contactus@meritbrass.com



www.meritbrass.com

www.mbwebxpress.com

MERIT BRASS

DIRECTING THE FLOW OF *Quality*

Find us in

MasterSpec®

Powered by Deltek Specpoint®

LEARN MORE



Revised October 2022

©2022 Merit Brass Company. All Rights Reserved.