

# MERIT PRESS

TECHNOLOGY

---

## CopperPress®

By Merit Brass Co.



## Compliances & Approved Applications

***Directing the Flow of Quality***

*Innovative Solutions Driven to Provide  
Value to Your System*



# CopperPress® Compliances

By Merit Brass Co.

## CopperPress® Fittings Standard Compliance

By Merit Brass Co.

- ICC-ES LC1002-2010 (editorially revised Feb 2013), Press-Connection Fittings for Potable Water Tube and Radiant Heating Systems
- NSF/ANSI/CAN 61-2020, Drinking Water System Components - Health Effects
- NSF/ANSI/CAN 372-2020, Drinking Water System Components - Lead Content
- ASME B16.51-2018 Copper and Copper Alloy Press-Connect Pressure Fittings
- IAPMO PS117-2017 Press Connections

## CopperPress® Fittings Code Compliance

By Merit Brass Co.

- 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

# CopperPress® Approved Applications

By Merit Brass Co.

TYPES OF SERVICE	SYSTEM OPERATING CONDITIONS	PRESSURE	TEMPERATURE	EPDM O-RING	
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



DIRECTING THE FLOW OF *Quality*

LEARN MORE



Find us in

**MasterSpec®**

Powered by Deltek Specpoint®