



Approved Applications - CopperPress®

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

Certificates & Codes - CopperPress®

CopperPress® Fittings Standard Compliance

- ICC-ED LC1002-2010 (editorially revised Feb 2013), Press-Connection Fittings for Potable Water Tube and Radiant Heating Systems
- NSF/ANSI/CAN 61-2018, Drinking Water System Components - Health Effects
- NSF/ANSI/CAN 372-2016, Drinking Water System Components - Lead Content
- ASME B16.51-2018 Copper and Copper Alloy Press-Connected Pressure Fittings

CopperPress® Fittings Code Compliance

- 2018, 2015, 2012, 2009 and 2006 *International Residential Code (IRC)*
- 2018, 2015, 2012, 2009 and 2006 *International Plumbing Code (IPC)*
- 2018, 2015, 2012, 2009 and 2006 *International Mechanical Code (IMC)*
- 2018, 2015, 2012, 2009 and 2006 *Uniform Plumbing Code (UPC)*
- 2018, 2015, 2012, 2009 and 2006 *Uniform Mechanical Code (UMC)*
- 2016, 2013 and 2010 *California Plumbing Code (CPC)*
- 2016, 2013, and 2010 *California Mechanical Code (CMC)*
- 2017 *City of Los Angeles Plumbing Code*
- 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 T80 CMR Ninth Edition: Chapter 28*
- *ASME B31 Code for Pressure Pipe; standards B31.1-2014, B31.3-2012 and B31.9-2014*

