

APPROVED APPLICATIONS

TYPES OF SERVICE		SYSTEM OPERATING CONDITIONS			CARBONPRESS® SEALS	
		NOTES	PRESSURE	TEMPERATURE	EPDM (WATER)	HNBR (GAS)
FLUIDS/ WATER	Chilled Water	Low-Pressure System Steam	230 psi	Min. -40°F	✓	
	Hydronic Heating	Ethylene Glycol, Propylene Glycol	230 psi	300°F	✓	
	Low-Pressure System Steam		15 psi max.	300°F	✓	
GASES	Argon		230 psi	Max. 140°F	✓	✓
	Carbon Dioxide		230 psi	Max. 140°F	✓	✓
	Compressed Air	Oil Concentrate <25mg/m3	230 psi	Max. 140°F	✓	✓
		Oil Concentrate >25mg/m3	230 psi	Max. 140°F		✓
	Natural Gas, LP Gas -40°F to 180°F and Fuel Oil		125 psi max.	-40°F to 180°F		✓
	Nitrogen		230 psi	Max. 140°F	✓	✓
	Vacuum		29.2 in Hg max.	Max. 140°F		
OIL & LUBRICANTS	Diesel Fuel	Compliant with NFPA 30 & 30A	125 psi			✓
	Engine Oil		150 psi	Ambient		✓
	Heating Fuel Oil		125 psi	-40°F to 180°F		✓
	Hydraulic Fluid	Mineral Based	230 psi	Ambient		✓
	Transmission Fluid		230 psi	Ambient		✓

Contact Merit Brass for additional information regarding applications not listed above.



CERTIFICATIONS

CarbonPress® Codes and Standards

- ASME B31.1 Power Piping
- ASME B31.3 Process Piping
- ASME B31.9 Building Service Piping
- CSA B149.1 Natural Gas and Propane Installation Code
- IAPMO Uniform Mechanical Code (UMC)
- IAPMO Uniform Plumbing Code (UPC)

CarbonPress® Certifications

- IAPMO Z 1117 (EPDM)
- IAPMO/ANSI LC 4/CSA 6.32 (HNBR)

CarbonPress® Temperature & Pressure

- **Temperature Range:** EPDM -40°F to 300°F (-40°C to 148°C)
Working pressure range from full vacuum to 250 psi (17.2 bar) for water
- **Temperature Range:** HNBR -40°F to 200°F (-40°C to 93°C)
Working pressure range 125 psi (8.6 bar) for gas
- **Surface Protection:** Corrosion Resistant Zn-Ni Plating

Limited Warranty



We stand behind the quality of our products and offer a **15-year limited warranty*** on our **CarbonPress®** offering. We guarantee that our fittings will be free from defects in materials and workmanship for 15 years from the date of purchase. If any of our fittings fail due to defects during this time, we will replace or repair the product at no cost to the customer.

*This warranty does not cover damage caused by improper installation, misuse, or normal wear and tear.





LOCATIONS

SPARKS DISTRIBUTION CENTER

200 Vista Boulevard Suite #106
Sparks, NV 89434

LONG BEACH PIPE DEPOT

2396 E. Artesia Blvd
Long Beach, CA 90805

DALLAS DISTRIBUTION CENTER

10614 King William Drive
Dallas, TX 75220

CLEVELAND HEADQUARTERS

One Merit Drive/PO Box 43127
Cleveland, OH 44143

BIRMINGHAM DISTRIBUTION CENTER

220 Oxmoor Court
Birmingham, AL 35209

HOUSTON DISTRIBUTION CENTER

4680 S. Sam Houston Pkwy W, Suite 120
Houston, TX 77053

CONTACT US



800.726.9800

contactus@meritbrass.com

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