

MERIT PRESS[®]

TECHNOLOGY

CarbonPress[®]

By Merit Brass Co.



Directing the Flow of Quality

*Innovative Solutions Driven to Provide
Value to Your System*

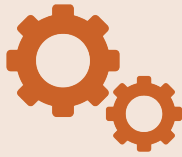
**MERIT
BRASS**

DIRECTING THE FLOW OF *Quality*

From Planning to Projects to Training Through to Distribution... Innovative Solutions Driven to Provide Value



Owner



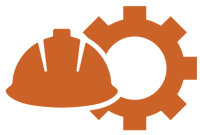
Engineering



General Contractor

**Streamlining
Project Planning
& Execution**

Innovation with Design in Mind to Save Time, Money & Labor



Mechanical
Contractor



Plumbing
Contractor



Project
Management



Project Takeoffs
& Design



**Training at Every
Stage of the
Process with Your
Success in Mind**



**Supporting
Distribution Growth
Strategies Through
Vertical Market
Relationship Building**

Benefits & Features

- Size Range: 1/2" - 2"
 - Available in **Plumbing (Water) EPDM** & **Gas - HNBR**
 - **VIPR[®]** (Visual Indicator Press Ring[®])
 - **Leak Before Press (LBP)** - Engineered O-Ring That Facilitates Leak Before Press
 - For Use on Steel Pipes Conforming to ASTM A53, A106, A135, A795 (S10 & S40)
 - **Box, Bag, and Ring** Are Color-Coordinated for Ease of Identifying the Sealing Element
 - **Grab Ring Deforms and Grips Outside Diameter of Pipe**
 - **Applications:** Hydronic Heating, Vacuum, Fire Sprinkler Systems*, the Conveyance of Fluids, Gases, Oils, and Low-Pressure Steam
- *Note: If product has appropriate agency approvals for Fire Protection Service*



CarbonPress® Codes & Standards

By Merit Brass Co.

- **ASME B31.1** - Power Piping
- **ASME B31.3** - Process Piping
- **ASME B31.9** - Building Services Piping
- **ASTM F3226** - Metallic Press-Connect Fittings for Piping and Tubing Systems
- **CSA** - Natural Gas and Propane Installation Code (HNBR)
- **IAPMO** - Uniform Mechanical Code, International Residential Code, International Fuel Gas Code (HNBR)
- **NFPA 13** - Standard for the Installation Sprinkler Systems (EPDM)
- **NFPA 13D** - Standard for the Installation of Sprinkler Systems in One and Two-Family Dwellings and Manufactured Homes (EPDM)
- **NFPA 13R** - Standard for the Installation of Sprinkler Systems in Low Rise Residential Occupancies (EPDM)
- **NFPA 54** - National Fuel Gas Code
- **NFPA 58** - Liquefied Petroleum Gas Code
- **NRC** - National Building Code of Canada, National Plumbing Code of Canada (EPDM)

CarbonPress® Certifications

By Merit Brass Co.

- **CSA LC4/6.32** - Press Connect Metallic Fittings for Use in Fuel Gas Distribution Systems (HNBR)
- **IAPMO PS 117** - Press Connections (EPDM)
- **ICC-ES LC1002** - Press Connection Fittings for Potable Water Tube and Radiant Heating Systems (EPDM)
- **ICC-ES PMG** - Product Certificate
- **UL 213** - Rubber Gasketed Fittings for Fire-Protection Service (EPDM)

CarbonPress® Pressure & Temperature

By Merit Brass Co.

- **Working Pressure Range From Full Vacuum to 250 psi Water/125 psi Gas**
- **Temperature Range:** EPDM -40°F to 300°F
- **Temperature Range:** HNBR -40°F to 200°F
- **Surface Protection:** Corrosion Resistant Zn-Ni Plating

CarbonPress® Tooling

By Merit Brass Co.

| Milwaukee Part # | Tooling Name |
|------------------|---|
| 49-16-2697 | Black Iron Press Kit with 1/2" - 2" Jaws |
| 49-16-2650B | M18 1/2" Black Iron Jaw |
| 49-16-2651B | M18 3/4" Black Iron Jaw |
| 49-16-2652B | M18 1" Black Iron Jaw |
| 49-16-2653B | M18 1-1/4" Black Iron Ring |
| 49-16-2654B | M18 1-1/2" Black Iron Ring |
| 49-16-2655B | M18 2" Black Iron Ring |
| 49-16-2659 | Ring Jaw 1 |
| 49-16-2698 | Black Iron Press Kit with 2-1/2" - 4" Rings |
| 49-16-2656B | M18 2-1/2" IPS XL Ring |
| 49-16-2657B | M18 3" IPS XL Ring |
| 49-16-2658B | M18 4" IPS XL Ring |
| 49-16-2659S | Ring Jaw 2 |