

EPDM CARBON PRESS SYSTEM DATA SHEET

The MeritPress™ system in carbon is available in ½" – 4". This system joins black iron, epoxy coated, and galvanized schedule 10 to 40 carbon steel pipe. carbon press is available in three sealing elements: EPDM, HNBR and FKM. Our first to market VIPR technology provides assurances that each fitting is pressed correctly as the band easily removes after it has been pressed. In addition, carbon press has a leak before press (LBP) system which gives a visual indication of a connection that has not been pressed.



The Merit Carbon Press Offering Includes:

- Adapters: Flange, Male, Female
- Cap
- Couplings: with Stop, No Stop and Extended No Stop
- 45° Elbows: Standard & Street
- 90° Elbows: Standard & Street
- Tees: Standard, Reducing and Reducing (P x FPT)
- Unions: Female and Standard

Product Components:

Carbon press is a carbon steel alloy (ASTM A420) fitting which includes other high-quality components:

- Grab ring is made of 2Cr13 which deforms & grips the outside diameter of pipe to ensure a tight connection
- Separator ring made of 2Cr13
- Corrosion resistant
- Zinc nickel plating
- EPDM black sealing element
- Box, bag and band are color-coded GREEN for ease of receipt and proper installation per application

Working Pressure & Temperature:

- Working pressure: range from full vacuum to 250 psi (17.2 bar) for water
- Temperature range: -40°F to 300°F (-40°C to 148°C)

Carbon Press Certifications:

- IAPMO Z 1117
- UL (213) / FM (1920)

Approved Applications (See Page 17):

- Hydronic Heating
- Chilled Water

Approved Piping:

- Steel pipes conforming to ASTM A53, A106, A135, A795 (schedule 10 to 40) and black iron, epoxy coated and galvanized steel.

Press Tooling Reference Guide (See Page 15).

Please contact our sales team for additional information around our carbon press offering at 800.726.9800.

HNBR CARBON PRESS SYSTEM DATA SHEET

The MeritPress™ system in carbon is available in ½" – 4". This system joins black iron, epoxy coated, and galvanized schedule 10 to 40 carbon steel pipe. Carbon press is available in three sealing elements: EPDM, HNBR and FKM. Our first to market VIPR technology provides assurances that each fitting is pressed correctly as the band easily removes after it has been pressed. In addition, carbon press has a leak before press (LBP) system which gives a visual indication of a connection that has not been pressed.



The Merit Carbon Press Offering Includes:

- Adapters: Flange, Male, Female
- Cap
- Couplings: with Stop, No Stop and Extended No Stop
- 45° Elbows: Standard & Street
- 90° Elbows: Standard & Street
- Tees: Standard, Reducing and Reducing (P x FPT)
- Unions: Female and Standard

Product Components:

Carbon press is a carbon steel alloy (ASTM A420) fitting which includes other high-quality components:

- Grab ring is made of 2Cr13 which deforms & grips the outside diameter of pipe to ensure a tight connection
- Separator ring made of 2Cr13
- Corrosion resistant
- Zinc nickel plating
- HNBR Yellow sealing element
- Box, bag and band are color-coded YELLOW for ease of receipt and proper installation per application

Working Pressure & Temperature:

- Working pressure: 125 psi (8.6 bar) for gas
- Temperature range: -40°F to 200°F (-40°C to 93°C)

Carbon Press Certifications:

- IAPMO/ANSI 4/CSA 6.32

Approved Applications (See Page 17):

- Fuel Gas Applications

Approved Piping:

- Steel pipes conforming to ASTM A53, A106, A135, A795 (schedule 10 to 40) and black iron, epoxy coated and galvanized steel.

Press Tooling Reference Guide (See Page 15).

Please contact our sales team for additional information around our carbon press offering at 800.726.9800.

FKM CARBON PRESS SYSTEM DATA SHEET

The MeritPress™ system in carbon is available in ½" – 4". This system joins black iron, epoxy coated, and galvanized schedule 10 to 40 carbon steel pipe. Carbon press is available in three sealing elements: EPDM, HNBR and FKM. FKM is available upon request. Please contact your sales representative for more information. Our first to market VIPR technology provides assurances that each fitting is pressed correctly as the band easily removes after it has been pressed. In addition, carbon press has a leak before press (LBP) system which gives a visual indication of a connection that has not been pressed.



The Merit Carbon Press Offering Includes:

- Adapters: Flange, Male, Female
- Cap
- Couplings: with Stop, No Stop and Extended No Stop
- 45° Elbows: Standard & Street
- 90° Elbows: Standard & Street
- Tees: Standard, Reducing and Reducing (P x FPT)
- Unions: Female and Standard

Product Components:

Carbon press is a carbon steel alloy (ASTM A420) fitting which includes other high-quality components:

- Grab ring is made of 2Cr13 which deforms & grips the outside diameter of pipe to ensure a tight connection
- Separator ring made of 2Cr13
- Corrosion resistant
- Zinc nickel plating
- FKM black sealing element
- Box, bag and band are color-coded Brown for ease of receipt and proper installation per application

Working Pressure & Temperature:

- Working pressure: 200 psi (13.7 bar) for industrial applications
- Temperature range: 14°F to 293°F (-10°C to 145°C)

Carbon Press Certifications:

- IAPMO Z 1117
- UL (213) / FM (1920)

Approved Applications (See Page 17):

- Hydronic Heating
- Chilled Water

Approved Piping:

- Steel pipes conforming to ASTM A53, A106, A135, A795 (schedule 10 to 40) and black iron, epoxy coated and galvanized steel.

Press Tooling Reference Guide (See Page 15).

Please contact our sales team for additional information around our carbon press offering at 800.726.9800.