WARNING: These products can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.
Non Rising Stem Valve

**Model 1010**  (2"~48")
Resilient Seat Gate Valve
Non Rising Stem

**Model 2010**  (Size 2"~24")
Resilient Seat Gate Valve
Non Rising Stem
2010-B with Bevel Gear Operator
2010-S with Spur Gear Operator

**Model 2010-PIV**  (Size 4"~24")
Post Indicator Valve
Resilient Seat
Non Rising Stem
2015-S with Spur Gear Operator

Available:
MJ x Flange
Flange x Flange
MJ x MJ

**Description:**
1. Conforms to AWWA C515, MSS-SP-70
3. 2" square nut or optional handwheel at customer’s request.
4. Open right valves supplied with red operating nut.
5. Temperature: 2°C (35°F) to 82°C (180°F)
6. Working Pressure: 2"~12" - 250 psi, 14"~16" - 250 psi, 18"~24" - 200 psi
7. Conforms with the U.S. Safe Drinking Water Act (Lead Free)

OS&Y Gate Valves

**Model 2030**  (Size 2"~24")
Resilient Seat Gate Valve
OS&Y
2030-B with Bevel Gear Operator

Available:
Flange Ends
Grooved Ends
Flange x Groove

**Description:**
1. Conforms to AWWA C515-09
2. Epoxy coated inside and outside to AWWA C550.
3. Working Pressure:
UL/FM rated working pressure: 2"~12" - 300 psi
UL rated working pressure: 14"~16" - 250 psi
UL rated working pressure: 18"~24" - 200 psi
4. Temperature: -23°C (-10°F) to 110°C (230°F)
5. Flanged ends conform to ANSI B16.1 standard.
Check Valves

**Model 7700**  (Size 2"~24")
Resilient Seat Check Valve  ANSI 125 lb. Body  
7700 (without lever, weight or spring)  
7700-LUV (with lever & weight)  
7700-LS (with lever & spring)

**Description:**
1. Flange drilling and dimensions to ANSI B16.1, 125 lb. pattern.
2. End to end dimensions (Laying Length) to AWWA C-508 Standard for Clear Waterway Swing Check Valves
4. Suitable for Water / Sludge / Sewage service
5. Fusion Bonded Epoxy Coated Interior and Exterior to AWWA C550. Powder Certified to NSF-61
6. Installed with standard flange accessories (AWWA C110).
7. Conforms with the U.S. Safe Drinking Water Act (Lead Free)

**Model 8700-F**  (Size 2"~12)
Resilient Seat Check Valve  Flanged Ends  
ANSI 125 lb. Body

**Description:**
1. Flange drilling and dimensions to ANSI B16.1, 125 lb. pattern.
2. Face to face dimensions conform to AWWA C508, Full Waterway
3. Maximum Working Pressure: 300 psi

**Model 8700-G**  (Size 2"~12)
Resilient Seat Check Valve  Grooved Ends  
ANSI 125 lb. Body

**Description:**
1. Groove dimensions comply with AWWA C606 standard.
2. Maximum Working Pressure: 300 psi
3. Working Temperature: 
   -10°C to 120°C for EPDM
   -10°C to 82°C for NBR
Check Valves (Cont.)

Model 2560  (Size 2”~16”)
Wafer Double Door Check Valve

Description:
1. Extremely short face to face dimensions and compact design allows for installation and service in tight spaces.
2. Spring assisted for better dynamic behavior.
3. Soft seated for perfect tightness even at low differential pressure.
4. Flanged ends conform to ANSI B16.1 Class 125
5. Working Pressure: 300 psi
6. Temperature: -10° to 120°C
7. Internally and externally spray painted or fusion bonded epoxy powder coated (FBE).
8. Stainless steel disc for excellent corrosion resistance.
9. Horizontal or vertical installation

Model 9600  (Size 2”~24”)
Resilient Disc Check Valve
Flanged Ends

Description:
1. The disc is precision molded with an integral O-ring type sealing surface, and contains alloy steel with nylon reinforcement in the flexible hinge area.
2. Manufactured with threaded port and a pipe plug on the bottom of the valve to allow for field installation of a back flow actuator.
3. Slamming and water hammer virtually non-existent due to it’s short closing travel.
4. Full top-entry access for easy on-line inspection and maintenance.
5. Working Pressure: 250 psi/16 Bar
6. Working Temperature:
   - -10°C to 82°C for NBR coated trim
   - -10°C to 150°C for EPDM coated trim (optional)
7. Flange drilling to: ANSI 125/150 or EN1092-2 PN10 or PN16.
8. Internally and externally fusion bonded epoxy powder coated (FBE).
9. Manufactured in accordance with AWWA C508, MSS-SP-71.

Butterfly Valves

Model 2400-G  (Size 2”~12”)
Grooved Butterfly Valve
Manually Gear Operated with Tamper Switch

Description:
1. Design Standard: MSS-SP-67
2. EPDM Encapsulated ductile iron disc for bubble-tight shut off
3. Flag type position indicator
4. Low torque operation
5. High cycle life
6. Built-in supervisory switch
7. Top flange to ISO 5211/1
8. Groove Dimension in accordance with AWWA C606
9. Working Pressure: 2”~12”: 300 psi
10. Working Temperature: 33°F to 176°F (0°C to 80°C)
11. Fusion bonded epoxy powder coated to AWWA C550.
12. UL Listed / FM Approved for indoor or outdoor use.

Model 2400-W  (Size 2”~12”)
Water Butterfly Valve
Manually Gear Operated with Tamper Switch

Description:
1. Design Standard: MSS-SP-67 / API-609
2. EPDM Encapsulated ductile iron disc for bubble-tight shut off
3. Flag type position indicator
4. Low torque operation
5. High cycle life
6. Built-in supervisory switch
7. Top flange to ISO 5211/1
8. Flange connection to ANSI B16.1 Class 125/ANSI B16.5 Class 150
9. Working Pressure: 2”~8”: 300 psi, 10” & 12”: 250 psi
10. Working Temperature: 33°F to 176°F (0°C to 80°C)
11. Fusion bonded epoxy powder coated to AWWA C550.
12. UL Listed / FM Approved for indoor or outdoor use.

Model 2400-L  (Size 2”~12”)
Lug Butterfly Valve
Manually Gear Operated with Tamper Switch

Description:
1. Design Standard: MSS-SP-67 & API 609
2. EPDM Encapsulated ductile iron disc for bubble-tight shut off
3. Flag type position indicator
4. Low torque operation
5. High cycle life
6. Built-in supervisory switch
7. Top flange to ISO 5211/1
8. Flange connection to ANSI B16.1 Class 125/ANSI B16.5 Class 150
9. Working Pressure: 2”~8”: 300 psi, 10” & 12”: 250 psi
10. Working Temperature: 33°F to 176°F (0°C to 80°C)
11. Fusion bonded epoxy powder coated to AWWA C550.
12. UL Listed / FM Approved for indoor or outdoor use.
Butterfly Valves (Cont.)

**Model 2400-T** (Size 1”~2”)
Threaded Butterfly Valve
Manually Gear Operated with Tamper Switch

**Model 3900** (Size 3”~24”)
Butterfly Valve
Manually Gear Operated
Available:
Flange x Flange
MJ x MJ

**Model 1410-G1** (Size 2”~12”)
Grooved Butterfly Valve
with Lever

**Model 3420-L-1** (Size 2”~12”)
Lug Butterfly Valve with Lever

**Model 3420-L-2** (Size 2”~28”)
Lug Butterfly Valve with Manual Gear Operator

**Model 3420-W-1** (Size 2”~12”)
Water Butterfly Valve with Lever

**Model 3420-W-2** (Size 2”~12”)
Water Butterfly Valve with Manual Gear Operator

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**Model 2400-T**
- Manufactured in accordance to UL 1091, UL38 & UL753 standards.
- Threaded Ends: In Accordance with ASME B1.20.1
- Connection Ends: Compatible with:
  - ASME B16.1 Class 125
  - ASME B16.5 Class 150
- Top Flange Standard: ISO 5211
- Fusion Bond Epoxy Coated to AWWA C550
- 10 position lever handle or Handwheel with Manual Gear Operator.
- Meets the performance requirements of AWWA C504
- Working Temperature: 0°C~80°C
- Working Pressure: 200 psi

**Model 3900**
- Design Standard: AWWA C504
- Flange ends to ANSI B16.1 Class 125. Other flange types are available.
- Mechanical Joint Ends to AWWA/ANSI C153/A21.53.00.
- Top Flange complies with ISO 5211/1.
- Operator: Manual Gear Operator w/wheel handle (shown)
- Working Temperature: EPDM: 14°F to 248°F (-10°C to 120°C)
  NBR: 14°F to 180°F (-10°C to 80°C)

**Model 1410-G1**
- Standard: MSS SP-67
- Connection Ends:
  - Groove to AWWA C606
  - Fusion Bonded Epoxy Coated to AWWA C550
- 10 position lever handle.
- Working Temperature: 0°C~100°C (32°F~212°F)
- Working Pressure: 300 psi

**Model 3420-L-1**
- Standard: MSS SP-67/API 609
- Connection Ends: Compatible with:
  - ASME B16.1 Class 125
  - ASME B16.5 Class 150 Flanges
- Top Flange Standard: ISO 5211
- Fusion Bond Epoxy Coated to AWWA C550
- 10 position lever handle or Handwheel with Manual Gear Operator.
- Meets the performance requirements of AWWA C504
- Working Temperature: 0°C~100°C (32°F~212°F)
- Working Pressure: 300 psi

**Model 3420-L-2**
- Standard: MSS SP-67/API 609
- Connection Ends: Compatible with:
  - ASME B16.1 Class 125
  - ASME B16.5 Class 150 Flanges
- Top Flange Standard: ISO 5211
- Fusion Bond Epoxy Coated to AWWA C550
- 10 position lever handle or Handwheel with Manual Gear Operator.
- Meets the performance requirements of AWWA C504
- Working Temperature: 0°C~100°C (32°F~212°F)
- Working Pressure: 300 psi
**Strainers**

**Model 3800**  (Size 2”~12”)

- "Y" Strainer

**Model FB7208**  (Size 3”~12”)

- Basket Strainer

**Models RFC-2 & RFC-4**

- Redi-Flange

**Model 4200**

- Wide Range Coupling

**Model 4428**

- Wide Range Adapter

**Model 6190**

- Uni-Fit Joint Restraints

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**Description:**
1. Fusion Bond Epoxy Coated Interior and Exterior, AWWA C550.
2. NSF Approved Material
3. Gasket: EPDM
4. Working Pressure: 250 psi
5. Middle and End Ring made of high strength ductile iron, ASTM A536, Grade 65-45-12.
6. For sizes 2”~24” PVC Pipes

---

**Description:**
2. NSF Approved Material
3. Gasket: EPDM
4. Working Pressure: 250 psi
5. Middle and End Ring made of high strength ductile iron, ASTM A536, Grade 65-45-12.
6. For sizes 2”~24” PVC Pipes

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**Description:**
2. NSF Approved Material
3. Gasket: EPDM
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**Description:**
2. NSF Approved Material
3. Gasket: EPDM
4. Working Pressure: 250 psi
5. Middle and End Ring made of high strength ductile iron, ASTM A536, Grade 65-45-12.
6. For sizes 2”~24” PVC Pipes

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**Description:**
1. Fast & Economical Restraint for PVC Pipe Bell & Spigot Joints.
2. Restraint Rings provide 360° full contact and support of pipe wall.
3. Restraint Rings connected by high strength, low alloy rods/nuts.
4. For use on NEW OR EXISTING PVC Pipe Bells.
5. Rated at full rated pressure of pipe, 2:1 safety factor.
6. For pipe sizes 4”~36”.
Flanged Fittings - AWWA C110

Elbows  
Tees  
Crosses  
Wyes  
Reducers

Manufactured from high strength ductile iron, our flanged fitting series are available in 2”~48” sizes in a variety of elbows, tees, crosses, laterals, reducers, and blind flanges. All are manufactured in strict accordance with AWWA C110, ANSI A21.10.

1. Material: Ductile Iron, ASTM A536, Grade 65-45-12
2. Flange: Faced and drilled in accordance with ANSI B16.1 Class 125
3. Lining: The standard lining is cement mortar with bitumen overlay (NSF 61) in accordance with AWWA C104, ANSI A21.4. Other optional linings such as fusion bonded epoxy, glass etc., are also available.
4. Coating: The standard coating is a red color, zinc rich primer. Other optional coatings are also available.
5. Pressure Rating: 250 WWP

Flanged Fittings - ANSI B16.1 Class 125 and Class 250

Elbows  
Tees  
Crosses  
Wyes  
Reducers

Our flanged fitting series are available in 2”~24” sizes in a variety of elbows, tees, crosses, laterals, reducers, and blind flanges. All are manufactured in strict accordance with ANSI B16.1 Class 125 (2”~24”) and Class 250 (3”~12”).

2. Flange: Faced and drilled in accordance with ANSI B16.1 Class 125 or Class 250.
3. Coating: Available with special inhibited primers, epoxy and galvanized coating.
Flange Accessories

Flange Accessory Packs
(2”~48”)

Stud Bolts & Nuts
(2”~48”)

Finishes:
• Zinc Plated
• Hot dipped galvanized
• Fluorocarbon

Packaged Bolt Packs
(2”~48”)

Materials:
• A307 A Carbon Steel
• A307 B Carbon Steel
• SS304 Stainless Steel
• SS316 Stainless Steel

Flange Gaskets
(2”~48”)

(Full Face & Ring)
• Seal-Tite
• Red Rubber
• Non-Asbestos

Specialty Flanges

Series #840 - Flange Converter
Class 125/150 & Class 250/300 - This proprietary product allows the conversion of existing Class 250/300 flanged pumps, valves, etc. to a Class 125/150 flange system without the use of fabricated transition spools. Sizes range from 3”~12”.

Series #740 (Type A) & 790 (Type B) - Compact Flange Reducer
These reducers will mate with Class 125/150 flanges, allowing a reduction of flange sizes in a relatively small space. For example, a 6” x 3” reduction is made with only 1-1/2” wide space and a 16” x 12” only requires 2-1/2”. Sizes range from 2” x 1-1/2” to 16” x 14”.

### Mechanical Joint Fittings - AWWA C153

AWWA C153 (ANSI A21.53), Compact Body Ductile Fittings 3" - 48" for water and other liquids

**Materials:**
- Ductile Iron ASTM A536, Grade 65-45-12 or 70-50-5

**Pressure Rating:**
- 350 PSI Water Working Pressure (Class 350)

**Testing:**
- 100% Hydrostatic Tested

**Laying Length:**
- Short body design-straight section of body deleted to provide a more compact and less heavy fitting without reducing strength or flow characteristics.

**Cement Lining:**
- Interior to AWWA C104 (ANSI A21.4) with bituminous seal coat (NSF 61)

**Coating:**
- Bituminous in accordance with AWWA C104 (ANSI A21.4)

### Mechanical Joint Accessories

1. **Gaskets:** SBR in accordance with AWWA C111 (ANSI A21.11)

2. **T-Bolts:** Ductile Iron or Kor-10 Alloy Steel in accordance with AWWA C111 (ANSI A21.11)

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**T-Bolts & Nuts**

**MJ Gaskets & Glands**

**MJ Gland Packs & Gasket Packs**

**Materials:**
- Fluorocarbon
- Stainless Steel
- Kor-10
- Anti-Rotation

**Type:**
- Standard
- Transition
- SDR 35
- HDPE
Model F-08 & F-08-M (w/Monitor Flange)
FIREFLO C-503 Wet Barrel Fire Hydrant

Description
1. Hydrant barrel is of high strength ductile iron, ASTM A536, Grade 65-45-12.
2. Rated working pressure of 250 psi at 33°F to 126°F.
3. 6” Flanged inlet connection to AWWA C110/ANSI B16.1, Class 125 drilling pattern.
4. Stems are blow-out proof and constructed of optional heavy duty silicon bronze or stainless steel.
5. Each valve assembly is furnished with an extra large volume rubber seat for superior flow and sealing performance.
6. Corrosion protection is accomplished by special epoxy coating, interior and exterior.
7. All nozzles are removable with a wide range of nozzle thread specifications.
8. Available with Monitor Attachment and Check Valve Assembly.
9. Three-way outlet

Model F-06
FIREFLO C-502 Dry Barrel Fire Hydrant

Description:
1. 250 PSI Operating Pressure
2. 500 PSI Test Pressure
3. 5 ¼” Design provides Maximum Efficient Flow
4. Forced Lubrication System eases Lifetime Operation
5. Hose and Pumper Nozzles are threaded and field replaceable
6. Convenient to use Traffic Replacement Kit available
7. All buried bolts are 304 stainless steel.
8. Fusion bonded epoxy coated seat, sealing “O”-ring surfaces
9. Elbow and Drain Ring Housing are Fusion Bonded Epoxy Coated for Superior Corrosion Protection per AWWA C550.
10. Available with Monitor Flange Attachment
11. TEN YEAR LIMITED WARRANTY
## Model F-06 Tools

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<th>DESCRIPTION</th>
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<td>A-311</td>
<td>Operating Wrench</td>
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<td>A-317</td>
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<td>F-06-359</td>
<td>A-359</td>
<td>Seat Removal Wrench</td>
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<tr>
<td>F-06-367</td>
<td>A-367</td>
<td>Brass Sleeve</td>
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<td>F-06-316</td>
<td>A-316</td>
<td>2-1/2&quot; Nozzle Wrench</td>
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<td>A-316</td>
<td>4-1/2&quot; Nozzle Wrench</td>
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### SAFETY FLANGE REPAIR KIT

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<td>A-301</td>
<td>5-1/4&quot; Hydrant - Safety Flange Repair Kit</td>
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### 5-1/4" HYDRANT EXTENSION KITS

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<td>10&quot; Long &quot;Extension Kit</td>
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<td>F-06-320-020</td>
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<td>F-06-320-040</td>
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### BONNET REPAIR KIT

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<tr>
<td>F-06-280-355</td>
<td>280355</td>
<td>5-1/4&quot; Hydrant Bonnet Repair Kit</td>
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Consists of Part No's. F-06-3, F-06-5, F-06-6, F-06-10, F-06-12, F-06-51 & Weather Seal

### SHOE REPAIR KIT

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### MAIN VALVE REPAIR KIT

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<td>F-06-280-359</td>
<td>280359</td>
<td>5-1/4&quot; Hydrant Main Valve Repair Kit</td>
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