



# ADREM™

## Product Portfolio



**CS Series**

**Fully Lined Butterfly Valve**

<b>Size</b>	1" to 48"	<ul style="list-style-type: none"> <li>· Zero Leak Performance</li> <li>· Live Loaded Stem Seal</li> <li>· Superior Cold Flow Resistance</li> <li>· Outstanding Permeation Resistance</li> </ul>
<b>Class</b>	150#	
<b>Temp</b>	-40°F to 450°F	
<b>Trim</b>	PFA Lined, Ti Disc	
<b>Liner</b>	MPTFE	



**CSB Series**

**Fully Lined Full Port Ball Valve**

<b>Size</b>	1/2" to 8"	<ul style="list-style-type: none"> <li>· Double Set of Live Loaded Packing</li> <li>· Thick 3mm PFA Liner</li> <li>· Chambered MPTFE Seats for Zero Leak Performance</li> <li>· ISO 5211 Mounting Pad</li> </ul>
<b>Class</b>	150#	
<b>Temp</b>	-40°F to 400°F	
<b>Liner</b>	Virgin PFA	
<b>Seat</b>	MPTFE	



**BRL Series**

**Fully Lined Standard Port Ball Valve**

<b>Size</b>	1/2" to 8"	<ul style="list-style-type: none"> <li>· Live Loaded Packing</li> <li>· Thick 3mm PFA Liner</li> <li>· Chambered MPTFE Seats for Zero Leak Performance</li> <li>· ISO 5211 Mounting Pad</li> </ul>
<b>Class</b>	150#	
<b>Temp</b>	-40°F to 400°F	
<b>Liner</b>	Virgin PFA	
<b>Seat</b>	MPTFE	



**PVL Series**

**Fully Lined Plug Valve**

<b>Size</b>	1/2" to 8"	<ul style="list-style-type: none"> <li>· Zero Leak Performance</li> <li>· Thick 3mm PFA Liner</li> <li>· Innovative Secondary PTFE Stem Seal</li> <li>· Outstanding Permeation Resistance</li> </ul>
<b>Class</b>	150#	
<b>Temp</b>	-40°F to 400°F	
<b>Liner</b>	Virgin PFA	
<b>Seat</b>	Virgin PFA	



**Typical Applications**

- |                        |                     |                       |                          |
|------------------------|---------------------|-----------------------|--------------------------|
| · Anolyte              | · Brine             | · Bromine             | · Caustic                |
| · Catholyte            | · Chlorine Gas      | · Chlorine Condensate | · Chlorinated Brine      |
| · Chlorinated Organics | · Chlorine Dioxide  | · Deionized Water     | · Ferric Chloride        |
| · Hydrobromic Acid     | · Hydrochloric Acid | · Hydrofluoric Acid   | · Hydrogen Peroxide      |
| · Nitric Acid          | · Oleum             | · Phosgene Gas        | · Phosphoric Acid        |
| · Sodium Hypochlorite  | · Sulfuric Acid     | · Spent Acid          | · Vinyl Chloride Monomer |

## HPB Series

### High Performance Chlorine Butterfly Valve

**Size**  
**Class**  
**Temp**  
**Trim**  
**Seat**

3" to 24"  
150# & 300#  
-50°F to 400°F  
C276 Disc/Stem  
Energized PTFE

- Zero Leak Performance
- Double Set of Live Loaded Stem Seal
- Designed in Strict Accordance to Chlorine Institute Pamphlet #6
- Reduced Leakpoints - Solid Bottom Hub



## CBV Series

### High Performance Standard Port Chlorine Ball Valve

**Size**  
**Class**  
**Temp**  
**Trim**  
**Seat**

1/2" to 12"  
150# & 300#  
-50°F to 400°F  
C276 Ball/Stem  
MPTFE

- Zero Leak Performance
- Double Set of Live Loaded Stem Seal
- Designed in Strict Accordance to Chlorine Institute Pamphlet #6
- Self-Relieving Seat or Vented Ball



## CBF Series

### High Performance Full Port Chlorine Ball Valve

**Size**  
**Class**  
**Temp**  
**Trim**  
**Seat**

1/2" to 12"  
150# & 300#  
-50°F to 400°F  
C276 Ball/Stem  
MPTFE

- Zero Leak Performance
- Double Set of Live Loaded Stem Seal
- Designed in Strict Accordance to Chlorine Institute Pamphlet #6
- Higher CV and Piggable



## 350 Series

### Phönix Bellow Sealed Globe Valve

**Size**  
**Class**  
**Temp**  
**Trim**  
**Seal**

1/2" to 14"  
150# & 300#  
-50°F to 400°F  
Hastelloy® C276  
HF Stellite 6/21

- Knife Edge Metal to Metal Process Seal
- Hermetic Bellows Sealed
- One Piece Stem & Solid Handwheel
- EuroChlor Approved
- Ideal for Control Applications



## Typical Applications

- Dry Chlorine Gas
- Liquid Chlorine
- Phosgene
- Chlorinated Solvents
- Ethylene Dichloride (EDC)
- Vinyl Chloride Monomer (VCM)
- Isocyanates (MDI, TDI, HDI)
- Chlorinated Organics
- Anhydrous HF
- Anhydrous HCl
- Anhydrous HBr
- Chlorine TriFluoride

**CS/SC Series** **Fully Lined Composite Butterfly Valve**

<b>Size</b>	2" to 12"	· Zero Leak Performance
<b>Class</b>	150#	· Live Loaded Stem Seal
<b>Temp</b>	0°F to 300°F	· Composite Material Great Alternative for Externally Corrosive Environments
<b>Liner</b>	Virgin PFA	· Lightweight Perfect for FRP Piping
<b>Seat</b>	MPTFE	



**BLF/SC Series** **Fully Lined Composite Ball Valve**

<b>Size</b>	1/2" to 3"	· Zero Leak Performance
<b>Class</b>	150#	· Live Loaded Stem Seal
<b>Temp</b>	0°F to 320°F	· Composite Material Great Alternative for Externally Corrosive Environments
<b>Trim</b>	Virgin PFA	· Lightweight Perfect for FRP Piping
<b>Seat</b>	MPTFE	



**DVL/SC Series** **Fully Lined Composite Diaphragm Valve**

<b>Size</b>	1/2" to 6"	· Zero Leak Performance
<b>Class</b>	150#	· Multilayer Diaphragm Seal
<b>Temp</b>	0°F to 300°F	· Non-Rising Handwheel
<b>Seat</b>	Virgin PFA/MPTFE	· Weir Style Design
		· Lightweight Perfect for FRP Piping



**IERL/SC Series** **Fully Lined Composite Bleed Rings**

<b>Size</b>	2" to 4"	· Allows Safe Removal of Residual Process Fluids when Replacing Transmitters
<b>Class</b>	150#	· Allows for In-Field Calibration of Instruments
<b>Temp</b>	0°F to 300°F	
<b>Style</b>	Lug, Wafer	



### Typical Applications

- Acid Brine
- Alkaline Brine
- Anolyte
- Catholyte
- Chlorinated Brine
- Chlorine Condensate
- Hydrobromic Acid
- Hydrochloric Acid
- Potassium Hydroxide
- Sodium Chlorate
- Sodium Hydroxide
- Sodium Hypochlorite
- Spent Acid
- Sulfuric Acid
- Wet Chlorine Gas
- Demin Water
- Waste Water
- Ultra Pure Water

**ADREM™**

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