

# Gate Valves & Assemblies

## 235RF Series Gate Valves



3", 4" & 6" lightweight aluminum gate valve used in fuel or potable water handling systems. TTMA Flanged ends with quick-rising stem via handwheel operation.

Often supplied as assemblies with cam & groove fittings (C.I.D. A-A-59326).

Meets C.I.D. A-A-59379 (Old Specification MIL-V-58039E).

Construction Details	
Body:	Aluminum
Bonnet:	Aluminum
Handwheel:	Aluminum
Discs:	Brass
Stem:	Brass
Gasket:	Nitrile
Rings:	Brass (6" Stainless Steel)

## 235RFS Simple Manifold

Used in the transfer of fuel or potable water through supply lines. Available in 3", 4" & 6".

Includes: 1—Fig. 235RF TTMA Flanged Aluminum Gate Valve, 1—Fig. 735LAT Aluminum Male Adapter X TTMA Flange, 1—Fig. 735LBT Aluminum Female Coupler X TTMA Flange. Often supplied with Fig. 735DC Aluminum Dust Cap & Fig. 735DP Aluminum Dust Plug.

Construction Details	
Valve:	See 235RF Series
Coupling:	See 735 Series
Gasket:	Nitrile or Cork/Rubber
Bolts:	Grade 8



## 235RF1 Type 1 Manifold



Used in the transfer of fuel or potable water through supply lines. Available in 4" & 6".

Includes: 1—Fig. 235RF TTMA Flanged Aluminum Gate Valve, 2—Fig. 735T Aluminum TTMA Flanged Tee, 1—Fig. 735LAT Aluminum Male Adapter X TTMA Flange, 2—Fig. 735LBT Aluminum Female Coupler X TTMA Flange. Often supplied with Fig. 735DC Aluminum Dust Cap & Fig. 735DP Aluminum Dust Plug.

Additional configurations available.

Construction Details	
Valve:	See 235RF Series
Coupling:	See 735 Series
Gasket:	Nitrile or Cork/Rubber
Bolts:	Grade 8

## 235RF2 Type 2 Manifold



Used in the transfer of fuel or potable water through supply lines. Available in 4" & 6".

Includes: 1—Fig. 235RF TTMA Flanged Aluminum Gate Valve, 1—Fig. 735T Aluminum TTMA Flanged Tee, 1—Fig. 735LAT Aluminum Male Adapter X TTMA Flange, 2—Fig. 735LBT Aluminum Female Coupler X TTMA Flange. Often supplied with Fig. 735DC Aluminum Dust Cap & Fig. 735DP Aluminum Dust Plug.

Additional configurations available.

Construction Details	
Valve:	See 235RF Series
Coupling:	See 735 Series
Gasket:	Nitrile or Cork/Rubber
Bolts:	Grade 8

# Nozzles & Swivels

## 231APM Series Manual Nozzles



1.25" & 1.5" manual nozzles for fuel and oil servicing applications. Operating pressures up to 35 PSI. Rugged long lasting design. Includes 100 mesh stainless steel strainer, dust cap, chain and spring. Often supplied as assemblies with grounding clamp or clip (MIL-C-83413), cam & groove fittings (C.I.D. A-A-59326), and swivels.

Meets C.I.D. A-A-52030, Type I, Size 2, Class A, Style 2 (Old Specification MIL-N-52110).

Construction Details	
Body:	Anodized Aluminum
Cap:	Anodized Aluminum
Discs:	Viton®
Packing:	Teflon®
Stem:	Stainless Steel
Spout:	Anodized Aluminum

## 231AW Series Manual Nozzles

1.25" & 1.5" manual nozzles for potable water distribution. Pressures up to 35 PSI. Rugged long lasting design. Includes 100 mesh stainless steel strainer, dust cap, chain and spring. Often supplied as assemblies with cam & groove fittings (C.I.D. A-A-59326), and swivels.

Construction Details	
Body:	Anodized Aluminum
Cap:	Anodized Aluminum
Discs:	FDA Buna-N®
Packing:	Teflon®
Stem:	Stainless Steel
Spout:	Anodized Aluminum



## 300ALM Manual Nozzles



.75" & 1" manual nozzles for fuel or potable water applications. Pressures up to 35 PSI. Rugged long lasting design. An Arctic Mitten design is available. Includes dust cap, chain and spring. Often supplied as assemblies with grounding clamp or clip (MIL-C-83413), cam & groove fittings (C.I.D. A-A-59326), and swivels.

Meets C.I.D. A-A-52030, Type I, Size 1, Class A or B, Style 1 or 2 (Old specification MIL-N-52110).

Construction Details	
Body:	Anodized Aluminum
Cap:	Brass or Nickel Plated Brass
Discs:	Viton® or FDA Buna®
Stem:	Stainless Steel
Spout:	Anodized Aluminum



## 122HWA Hose Nozzle Swivel



1" aluminum hose nozzle swivel for potable water distribution installed at the nozzle inlet for ease of operator handling and reduced hose wear. Swivel design provides durability and smooth 360° swivel action. 75 PSI working pressure. 150 PSI maximum pressure.

Construction Details	
Tail Piece:	Plated Steel
Swivel Nut:	Anodized Aluminum
O-Rings:	FDA Viton®
Retaining Ring:	Stainless Steel

## 122WA Hose Nozzle Swivel



1.5" aluminum hose nozzle swivel for potable water distribution installed at the nozzle inlet for ease of operator handling and reduced hose wear. Swivel design provides durability and smooth 360° swivel action. 75 PSI working pressure. 150 PSI maximum pressure.

Construction Details	
Swivel Body:	Anodized Aluminum
Swivel Nut:	Anodized Aluminum
O-Rings:	EPDM Rubber
Slip Ring:	UHMW Teflon®
Capture Ring:	Stainless Steel

# Flexible Fabric Tank Components

Flexible Fabric Tanks are used for the storage of fuel or potable water. Onion Tanks are teardrop shaped fabric tanks used for potable water storage. These types of tanks require various lightweight aluminum parts in their construction. Parts include vents, drains, filler/discharge parts and valve assemblies.



737VAD Vent & Drain Rings

737VAD Access Door Ring Set

6" 737 Suction Stub

4" 737 Suction Stub

735DFL & 735FLP 2" Drain Fitting & Plug

2" 735OTA Male Adaptor, Onion Tank

2" 735OTR Ring Set, Onion Tank

735LAT Male Adaptor x TTMA Flange

2" x 4" 735LAT Male Adaptor x TTMA Flange

2" & 3" 155FA Double Outlet Vent With Flame Arrestor

2" & 3" 155 Double Outlet Vent

73590BA 2", 4" & 6" 90° Female Coupler x Male Adaptor

6" 73590BA 90° Elbow Female Coupler (4 Arm) x Male Adaptor

735SBA Female Coupler x Male Adaptor Strainer Assembly

780 2" Relief Cap With Flame Arrestor

735D 2" Female Coupler x Female Thread

73590BB 4" & 6" 90° Female Coupler x Female Coupler

2" x 10" & 3" x 10" 735VPTBE Schedule 40 Aluminum Vent Tube, Threaded Both Ends (Various Lengths Available)

6" 73590BB 90° Elbow Female Coupler (4 Arm) x Female Coupler (4 Arm)

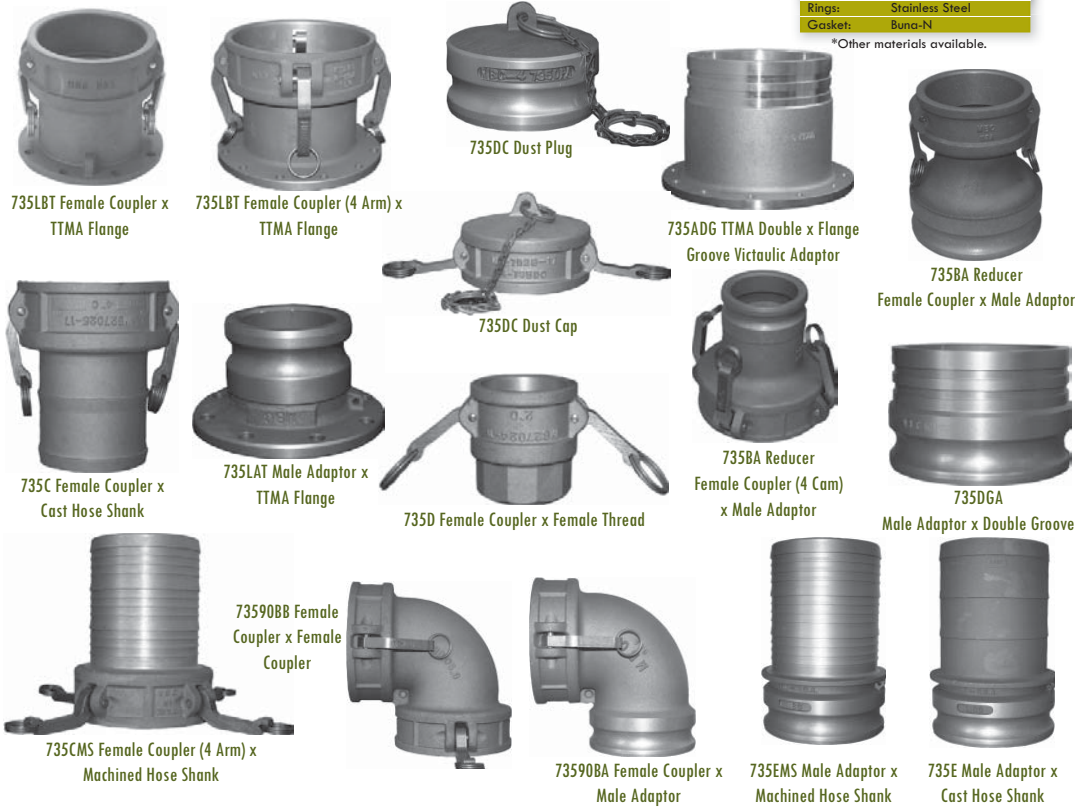
735DC Dust Cap

# Cam & Groove Fittings

Meets C.I.D. A-A-59326 (Old Specification MIL-C-27487 and old MS Numbers). Other cam & groove fittings available.

Construction Details	
Body:	Aluminum
Cam Arms:	Brass
Pins:	Stainless Steel
Rings:	Stainless Steel
Gasket:	Buna-N

\*Other materials available.



## 735T and 735Y Series TEE & WYE Fitting

TTMA Flanged aluminum TEE's, WYE's and Elbows used in transfer of fuel or potable water through supply lines.

Often supplied as assemblies with various cam & groove fittings (C.I.D. A-A-59326) included.

### Sizes:

Tee	3 x 3 x 3	WYE	4 x 4 x 4
	4 x 4 x 4		6 x 6 x 6
	6 x 6 x 6		
	6 x 6 x 4		



# Tank Truck Valves

## 203 Series Emergency Valve

1.5" x 1.5" traditional style brass tank truck emergency valve. NPT threaded inlet and outlet connections.



Construction Details	
Body:	Brass
Cap:	Brass
Plunger:	Brass
Spring:	Stainless Steel
Disc:	Buna-N
Handle:	Malleable Iron

## 372 Series Emergency Valve

1" x 1" brass water drain valve used on tank trucks for draining water from the bottom of the tank. NPT threaded inlet and outlet connections.



Construction Details	
Body:	Brass
Cap:	Brass
Plunger:	Brass
Spring:	Stainless Steel
Disc:	Buna-N
O-Ring:	Viton
Handle:	Brass®

## 603 Series Emergency Valve

2" Aluminum Tank Truck Emergency Valve with 3" TTMA Flanged inlet and 2" male quick disconnect outlet. Includes a 20 mesh stainless steel inlet strainer and a 2" aluminum dust cap to C.I.D. A-A-59326/10A-6 (MS27028-11).



Construction Details	
Body:	Aluminum
Cap:	Aluminum
Plunger:	Aluminum
Ball:	Aluminum
Spring:	Stainless Steel
Disc:	Buna-N
Screen:	20 Mesh Stainless Steel

# Miscellaneous

## 155 Series Double Outlet Vent

.75", 1", 1.25", 1.5", 2" & 3" Aluminum T-style vent with double outlet ports on either side of the inlet with 20 mesh stainless steel screen keeps debris out of the airway. Available threaded (NPT) or slip-on with set screw.



Construction Details	
Body:	Aluminum
Screen:	Stainless Steel
Retaining Ring:	Stainless Steel

## 174AL By-Pass Valve

3" By-Pass Valve used in applications where pressure control is needed such as by-passing a pump in order to reduce the pressure at the outlet. Valve settings are adjustable plus or minus 5-10 PSI from set point. The valve is available in PSI settings from 20 to 75.  
\*Fig. 174AL is NOT a pressure regulating device



Aluminum body has Chromate Conversion Coating per MIL-C-5541E.

Construction Details	
Body:	Aluminum
Cap:	Brass
Plunger:	Brass
Seat Ring:	Brass
Spring:	Steel
Gasket:	Armstrong

## 238 Series Quick Opening Gate Valves

1.25", 1.5", 2" & 3" manually operated gate valve with throttle type lever action and external spring. Teflon® packing available in 1.5" to 3". Used in petroleum liquid handling. 200 PSI WOG, cold, non-shock.

Construction Details	
Body:	Brass
Discs:	Brass
Caps:	Brass
Handle:	Ductile Iron
Shaft Seal:	Buna-N on 1.25" Teflon® on 1.5" to 3"



## 285 Series Line Strainers

Y-type strainer used in pipelines to filter debris from flowing into and damaging equipment such as a pump or a meter. Strainer basket is removable for cleaning and/or replacement. Basket access is from the bottom. 50 PSI.



The 285M is the same but has an O-Ring seat and 125 PSI.

Construction Details	
Body:	Cast Iron
Cap:	Cast Iron
Gasket:	Stainless Steel

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