



Southern
Valve & Fitting USA, Inc.



PRODUCT CATALOG 2017



INDUSTRY

Plumbing

Agricultural

Irrigation

Industrial

Water Works

HVAC

Fire Protection



***We've been
in business for
over 40 years.***

Southern Valve is YOUR Warehouse

Servicing Wholesalers with Valves for:

- Plumbing
- Heating
- Fire Protection
- Gas
- Industrial
- Irrigation and Agriculture
- Water Works

Superior Customer Service and Technical Support

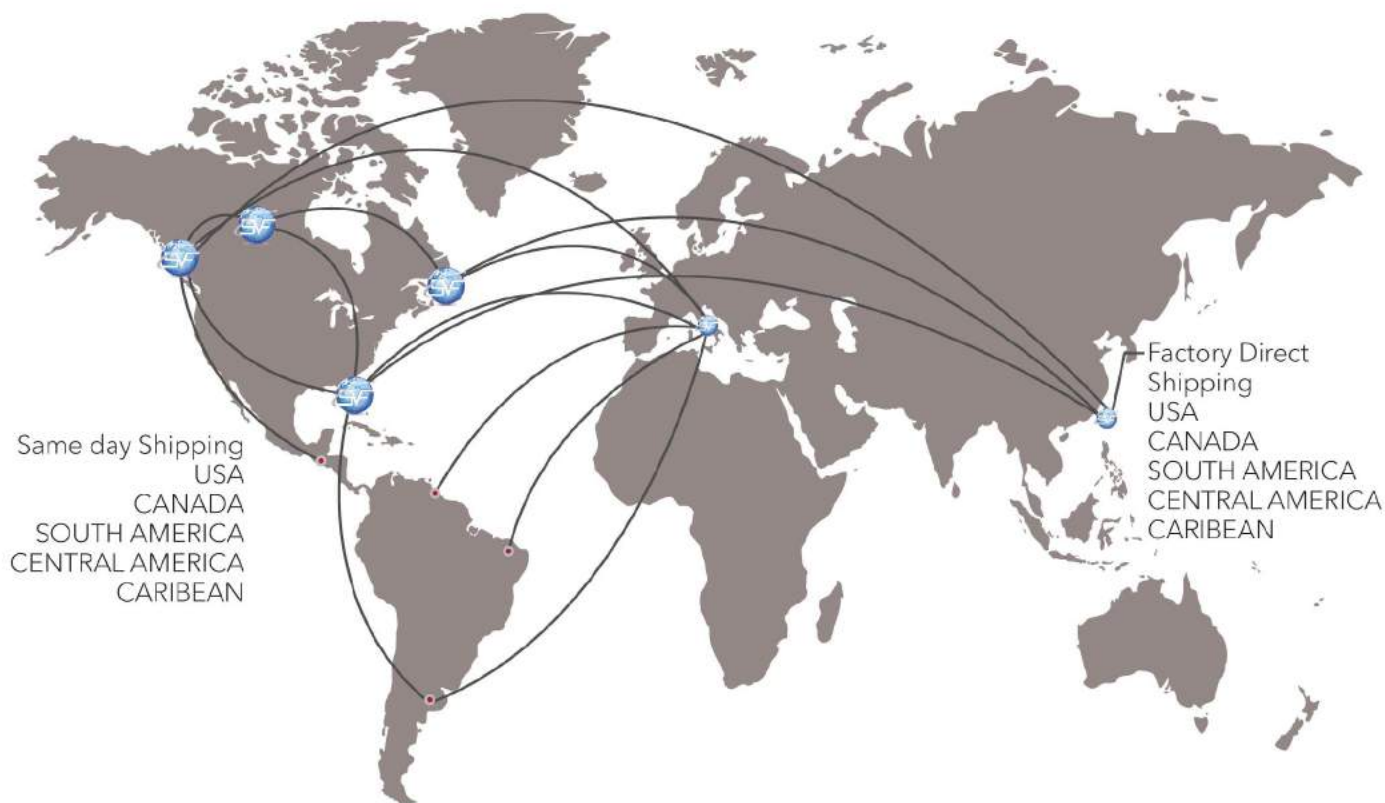
Give us a call and talk directly with a human being here in the United States. We offer the very best-in-class service in the industry.

ABOUT US

Southern Valve & Fitting USA, Inc. has been supplying plumbing, irrigation and utility wholesalers with valves and fittings since 1971. Even though there have been many changes in the business these many years, we have been innovators in customer service.

Our overstocked inventory allows for same day shipping and 99% fill rates. There is no need for you to stock expensive inventory of slow moving items. You can simply pre-sell product before you even purchase it, and we'll have it on your doorstep or to your customer the very next day. WE ARE HERE FOR YOU, to help service all your PVF needs.

Need product information? Feel free to call our knowledgeable staff to assist in any technical aspects or to get help finding an item. We directly source products worldwide from the best manufacturers. Our products are made available to you at the most competitive price because we cut out the middleman. Quality, price and value: a total sourcing solution for you and your customers.



TOP QUALITY PRODUCTS

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Southern
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UL / FM PRODUCTS

802 Series - D.I. Gate Valve / AWWA / C-515 UL / FM / NSF / RW FL x FL



Features:

- Complies with AWWA C515 Standard
- Non-Rising Stem, Resilient Seat
- Triple O-ring Stem Seal
- Lifting Lug Built into Stuffing Gland
- Flanges Conform To ANSI B16.1, Class 125
- UL Listed @300PSI
- Certified to NSF / ANSI 61 & 372
- Working Temp 42° - 180° F
- Post Indicator Not Included
- NSF Listed



Item	Size	Connection Type	Inner Case	Master Case	Inner Case
802-025F	2-1/2"	FL x FL	1	25	38
802-030F	3"	FL x FL	1	25	44
802-040F	4"	FL x FL	1	16	57
802-060F	6"	FL x FL	1	12	101
802-080F	8"	FL x FL	1	9	154
802-100F	10"	FL x FL	1	3	232
802-120F	12"	FL x FL	1	3	351

803 Series - D.I. Gate Valve / AWWA / C-515 UL / FM / NSF / RW FL x MJ



Features:

- Complies with AWWA C515 Standard
- Non-Rising Stem, Resilient Seat
- Triple O-ring Stem Seal
- Lifting Lug Built into Stuffing Gland
- Mechanical Joint Ends Conform To ANSI B16.1, Class 125
- UL Listed and FM Approved 300PSI
- Certified to NSF / ANSI 61 & 372
- Working Temp 42° - 180° F
- NSF Listed



Item	Size	Connection Type	Inner Case	Master Case	Inner Case
803-025FM	2-1/2"	FL x MJ	1	-	-
803-030FM	3"	FL x MJ	1	25	42
803-040FM	4"	FL x MJ	1	16	51
803-060FM	6"	FL x MJ	1	12	91
803-080FM	8"	FL x MJ	1	9	145
803-100FM	10"	FL x MJ	1	3	239
803-120FM	12"	FL x MJ	1	3	318

807-IP Series - D.I. Gate Valve / AWWA / C-515 UL / FM / NSF / RW MJ x MJ



Features:

- Complies with AWWA C515 Standard
- Non-Rising Stem, Resilient Seat
- Triple O-ring Stem Seal
- Lifting Lug Built into Stuffing Gland
- Mechanical Joint Ends Conform To ANSI B16.1, Class 125
- UL Listed and FM Approved 300PSI
- Certified to NSF / ANSI 61 & 372
- Working Temp 42° - 180° F



Item	Size	Connection Type	Inner Case	Master Case	Inner Case
807-025MJ	2-1/2"	MJ x MJ	1	25	35
807-030MJ	3"	MJ x MJ	1	25	44
807-040MJ	4"	MJ x MJ	1	16	53
807-060MJ	6"	MJ x MJ	1	12	95
807-080MJ	8"	MJ x MJ	1	9	150
807-100MJ	10"	MJ x MJ	1	3	248
807-120MJ	12"	MJ x MJ	1	3	331

809 Series - D.I. Gate Valve / AWWA / C-515 UL / FM / NSF / RW TAP x FL



Features:

- Complies with AWWA C515 Standard
- Non-Rising Stem, Resilient Seat
- Triple O-ring Stem Seal
- Lifting Lug Built into Stuffing Gland
- Flanged & Mechanical Joint Ends Conform To ANSI B16.1, Class 125
- UL Listed and FM Approved 300PSI
- Certified to NSF / ANSI 61 & 372
- Working Temp 42° - 180° F
- NSF Listed



Item	Size	Connection Type	Inner Case	Master Case	Inner Case
809-030TF	3"	T x F	1	25	46
809-040TF	4"	T x F	1	16	60
809-060TF	6"	T x F	1	12	101
809-080TF	8"	T x F	1	9	165

812 Series - Vertical Indicator Post



Features:

- Indicates if the valve underneath is in the OPEN or SHUT position
- The indicator post provides a means of operating a buried or otherwise inaccessible valve
- The adjustment range of the indicator post is 34.5" to accommodate deeper buried valves and can be easily adjusted in the field
- The wrench handle fits over a "U" bracket on the barrel and may be fixed with a padlock to secure the operating wrench to the barrel
- Can be supplied in OPEN LEFT or OPEN RIGHT configurations from the factory, or the direction of opening can also be changed in the field
- UL Listed and FM Approved



Item	Size	Connection Type	Inner Case	Master Case	Inner Case
812-IP	2"-12"	-	1	1	Varies

812 Series - Wall Indicator Post



Features:

- Indicates if the valve is in the OPEN or SHUT position
- Used to operate a valve installed behind a wall
- With a 12" O.D. post flange to mount on a wall
- Operated by handwheel
- Can be supplied in OPEN LEFT or OPEN RIGHT
- Corrosion protection - internal and external red spray epoxy, RAL 3000
- UL Listed and FM Approved



Item	Size	Connection Type	Inner Case	Master Case	Inner Case
812-WP	2"-12"	-	1	1	Varies

816 Series - D.I. Gate Valve OS&Y / AWWA / C-515 UL / FM / NSF RW FL x FL



Features:

- Complies with AWWA C515 Standard
- High quality graphite stem seal
- Heavy Duty Handwheel and Attachment Nut
- Flanged Ends Conform To ANSI B16.1, Class 125
- UL Listed and FM Approved 300PSI
- Certified to NSF / ANSI 61 & 372
- Working Temp 42° - 180° F
- NSF 61 & 372



Item	Size	Connection Type	Inner Case	Master Case	Inner Case
816-030	3"	FL x FL	1	25	55
816-040	4"	FL x FL	1	16	66
816-060	6"	FL x FL	1	12	110
816-080	8"	FL x FL	1	6	170
816-100	10"	FL x FL	1	3	265
816-120	12"	FL x FL	1	3	375

817 Series - D.I. Gate Valve OS&Y / AWWA / C-515 300 PSI, UL / FM / NSF RW GRV X GRV



Features:

- Complies with AWWA C515 Standard
- Stainless Steel Stem AISI420
- Body ASTM A536 65-4
- Grooved x Grooved Ends
- UL Listed and FM Approved 300PSI
- Certified NSF61 & 372
- Working Temperature 42° - 180° F
- Pressure Rating: 300 PSI
- Size: 2.1/2" – 12"



Item	Size	Connection Type	Inner Case	Master Case	Inner Case
817-025	2.1/2"	-	1	1	35
817-030	3"	-	1	1	43
817-040	4"	-	1	1	49
817-060	6"	-	1	1	91
817-080	8"	-	1	1	143
817-100	10"	-	1	1	230
817-120	12"	-	1	1	321

818 Series - D.I. Gate Valve OS&Y / AWWA / C-515 300 PSI, UL / FM / NSF RW GRV X FLG



Features:

- Complies with AWWA C515 Standard
- Stainless Steel Stem AISI420
- Body ASTM A536 65-4
- Flanged x Grooved Ends
- UL Listed and FM Approved 300PSI
- Certified NSF61 & 372
- Working Temperature 42° - 180° F
- Pressure Rating: 300 PSI
- Size: 2.1/2" – 12"



Item	Size	Connection Type	Inner Case	Master Case	Inner Case
818-025	2.1/2"	-	1	1	41
818-030	3"	-	1	1	53
818-040	4"	-	1	1	58
818-060	6"	-	1	1	94
818-080	8"	-	1	1	162
818-100	10"	-	1	1	254
818-120	12"	-	1	1	355

823 Series - D.I Swing Check Valve AWWA C508, 300 PSI, UL/FM, Grooved Ends



Features:

- Grooved Ends According AWWA C606
- Epoxy Coated Interior & Ext. AWWA C550
- Ductile and Cast Iron Products
- Sizes: 2-1/2" - 12"
- Pressure Rating: 300 PSI UL/FM
- Working Temperature: 42°F - 180°F
- May be Installed Horizontally or Vertically

Item	Size	Connection Type	Inner Case	Master Case	Inner Case
823-025	2-1/2"	GRV x GRV	1	1	8
823-030	3"	GRV x GRV	1	1	11
823-040	4"	GRV x GRV	1	1	20
823-060	6"	GRV x GRV	1	1	45
823-080	8"	GRV x GRV	1	1	70
823-100	10"	GRV x GRV	1	1	141
824-120	12"	GRV x GRV	1	1	204

824 Series - D.I Swing Check Valve AWWA C508, 300 PSI, UL/FM, Flanged Ends



Features:

- Ductile and Cast Iron Products
- Sizes: 2" - 12"
- Pressure Rating: 300 PSI UL/FM
- Working Temperature: 42°F - 180°F
- Flanged: ANSI B16.1
- Class 125
- Meets AWWA C508
- NSF Listed



Item	Size	Connection Type	Inner Case	Master Case	Inner Case
824-020	2"	-	-	1	-
824-030	3"	-	-	1	-
824-040	4"	-	-	1	-
824-060	6"	-	-	1	-
824-080	8"	-	-	1	-
824-100	10"	-	-	1	-
824-120	12"	-	-	1	-

826 Series - Swing Check Valve w/Lever & Weight, AWWA C508, 200PSI, UL/FM, Flanged Ends



Features:

- Suitable for mounting in horizontal or vertical position
- Outside lever and adjustable lever weight
- Pin, Nut, Bolts Stainless Steel SS304
- Complies with AWWA C508 Standard
- ANSI B16.1, Class 125 Flanged Drilling
- Body ASTM A536 65-45-12
- Flanged Ends
- UL Listed and FM Approved
- Certified NSF61 & 372
- Working Temperature 42° - 180° F
- Pressure Rating: 200 PSI
- Size: 2" - 12" (14' - 24" special order)



Item	Size	Connection Type	Inner Case	Master Case
826-020	2"	-	1	1
826-030	3"	-	1	1
826-040	4"	-	1	1
826-060	6"	-	1	1
826-080	8"	-	1	1
826-100	10"	-	1	1
826-120	12"	-	1	1

837 Series - Double Door Check Valve UL Listed



Features:

- Ductile and Cast Iron Products
- Sizes: 2" -12"
- Class 250
- Spring Assisted for better dynamic
- Soft Sealed for perfect tightness
- Working Temp 14° F - 302° F
- Pressure Rated: 300 PSI
- UL Listed



Item	Size	Connection Type	Inner Case	Master Case	Inner Case
837-040	4"	-	-	1	-
837-060	6"	-	-	1	-
837-080	8"	-	-	1	-
837-100	10"	-	-	1	-
837-120	12"	-	-	1	-

848 Series - DI Btfly. Valves Wafer, EPDM Seat, Tamper Switch, UL/FM 300 PSI



Features:

- Sizes: 2" - 12"
- Pressure Rating: 300 PSI
- UL Listed
- FM Approved for Sizes: 2" - 6"
- Flanges ANSI B16.1 Class 125
- AWWA C550
- Vulcanized Disc Design for Bubble-Tight Shutoff at 300 PSI
- Flag Type Position Indicator
- Working Temp 14° F - 180° F
- NSF 61 & 372 Listed



Item	Size	Connection Type	Inner Case	Master Case	Inner Case
848-020	2"	Wafer	1	1	22
848-025	2-1/2"	Wafer	1	1	23
848-030	3"	Wafer	1	1	25
848-040	4"	Wafer	1	1	29
848-060	6"	Wafer	1	1	72
848-080	8"	Wafer	1	1	713
848-100	10"	Wafer	1	1	86
848-120	12"	Wafer	1	1	100

849 Series - DI Btfly. Valves Grooved End, EPDM Seat, Tamper Switch, UL/FM 300 PSI



Features:

- Sizes: 2" - 12"
- Pressure Rating: 300 PSI
- UL Listed
- FM Approved for Sizes: 2" - 6"
- Flanges ANSI B16.1 Class 125
- AWWA C550
- Vulcanized Disc Design for Bubble-Tight Shutoff at 300 PSI
- Flag Type Position Indicator
- Working Temp 14° F - 180° F
- NSF 61 & 372 Listed



Item	Size	Connection Type	Inner Case	Master Case	Inner Case
849-020	2"	-	-	1	-
849-025	2-1/2"	-	-	1	-
849-030	3"	-	-	1	-
849-040	4"	-	-	1	-
849-060	6"	-	-	1	-
849-080	8"	-	-	1	-
849-100	10"	-	-	1	-
849-120	12"	-	-	1	-

852 Series - Wye Strainer UL Listed Flanged Ends



Features:

- Sizes: 2-1/2" - 12"
- NSF-61 Approved
- Flanges ANSI B16.1 Glass 125
- Working Temp 14° F - 250° F



Item	Size	Connection Type	Inner Case	Master Case	Inner Case
852-025	2-1/2"	-	-	1	31
852-030	3"	-	-	1	38
852-040	4"	-	-	1	71
852-060	6"	-	-	1	138
852-080	8"	-	-	1	237
852-100	10"	-	-	1	386
852-120	12"	-	-	1	558

853 Series - Wye Strainer UL Listed Grooved Ends



Features:

- Sizes: 2-1/2" - 12"
- NSF-61 Approved
- Flanges ANSI B16.1 Glass 125
- Working Temp 14° F - 250° F



Item	Size	Connection Type	Inner Case	Master Case	Inner Case
853-025	2-1/2"	-	-	1	24
853-030	3"	-	-	1	30
853-040	4"	-	-	1	46
853-060	6"	-	-	1	119
853-080	8"	-	-	1	221
853-100	10"	-	-	1	311
853-120	12"	-	-	1	514

854 Series - Basket Strainer UL Listed 200 PSI Flanged Ends



Features:

- Sizes: 3" - 12"
- NSF-61 Approved
- Flanges ANSI B16.1 Glass 125
- Working Temp 14° F - 250°



Item	Size	Connection Type	Inner Case	Master Case	Inner Case
854-030	3"	-	-	1	51
854-040	4"	-	-	1	93
854-060	6"	-	-	1	159
854-080	8"	-	-	1	287
854-100	10"	-	-	1	419
854-120	12"	-	-	1	628

931 Series - Operating Nut for FL x FL Gate Valve



Item	Size	Connection Type	Inner Case	Master Case	Inner Case
931-030	3"	FL x FL	1	1	-
931-040	4"	FL x FL	1	1	-
931-060	6"	FL x FL	1	1	-
931-080	8"	FL x FL	1	1	-
931-100	10"	FL x FL	1	1	-
931-120	12"	FL x FL	1	1	-

933 Series - Post Indicator Plate Kit with Long Studs



Item	Size	Connection Type	Inner Case	Master Case	Inner Case
933-040	4"	-	1	-	-
933-060	6"	-	1	-	-
933-080	8"	-	1	-	-
933-100	10"	-	1	-	-
933-120	12"	-	1	-	-



Southern
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DUCTILE AND CAST IRON PRODUCTS

801 Series - D.I. Flanged Gate Valve



Features:

- Flange x Flange connection
- Stainless Steel Non-Rising Stem
- Ductile Iron Body and Bonnet
- Fusion Bonded Epoxy Coating
- 250psi Max cold Pressure
- 2" Op Nut or Handwheel
- Max temp 140F (60C)
- Resilient Wedge
- AWWA C515
- Class 125
- Open Left

Item	Size	Connection Type	Inner Case	Master Case	Weight Per		
					Each Item (lbs)	Inner Case (lbs)	Master Case (lbs)
801-020DI	2"	Flanged	1	1	26.45	26.45	26.45
801-025DI	2-1/2"	Flanged	1	1	36.38	36.38	36.38
801-030DI	3"	Flanged	1	1	44.09	44.09	44.09
801-040DI	4"	Flanged	1	1	62.83	62.83	62.83
801-060DI	6"	Flanged	1	1	121.25	121.25	121.25
801-080DI	8"	Flanged	1	1	176.37	176.37	176.37
801-100DI	10"	Flanged	1	1	268.96	268.96	268.96
801-120DI	12"	Flanged	1	1	385.81	385.81	385.81
801-014DI	14"	Flanged	1	1	596	596	596
801-016DI	16"	Flanged	1	1	772	772	772
801-018DI	18"	Flanged	1	1	992	992	992
801-020DI	20"	Flanged	1	1	1322	1322	1322
801-024DI	24"	Flanged	1	1	1764	1764	1764

804 Series - D.I Ring-Tight Valve



Features:

- Push-on/ Ring-Tight
- Stainless Steel Non-Rising Stem
- Ductile Iron Body and Bonnet
- Fusion Bonded Epoxy Coating
- 250psi Max cold Pressure
- 2" Op Nut or Handwheel
- Max temp 140F (60C)
- Resilient Wedge
- AWWA C515
- Class 125
- Open Left

Item	Size	Connection Type	Inner Case	Master Case	Weight Per		
					Each Item (lbs)	Inner Case (lbs)	Master Case (lbs)
804-020DI	2"	Push On	1	1	24.25	24.25	24.25
804-025DI	2-1/2"	Push On	1	1	33.07	33.07	33.07
804-030DI	3"	Push On	1	1	39.68	39.68	39.68
804-040DI	4"	Push On	1	1	59.52	59.52	59.52
804-060DI	6"	Push On	1	1	127.87	127.87	127.87
804-080DI	8"	Push On	1	1	180.78	180.78	180.78

804 Series - D.I Ring-Tight Valve

- Non-Rising Stainless Steel Stem
- Water Pressure 250 psi
- Maximum Fluid Temperature 160°F

806 Series - D.I. Mechanical Joint Gate Valve



Features:

- MJ x MJ Connection (Mechanical Joint)
- Stainless Steel Non-Rising Stem
- Ductile Iron Body and Bonnet
- Fusion Bonded Epoxy Coating
- 250psi Max cold Pressure
- 2" Op Nut or Handwheel
- Max temp 140F (60C)
- Resilient Wedge
- AWWA C515
- Class 125
- Open Left

Item	Size	Connection Type	Inner Case	Master Case	Weight Per		
					Each Item (lbs)	Inner Case (lbs)	Master Case (lbs)
806-020MJ	2"	MJ x MJ	1	1	26.33	26.33	26.33
806-030MJ	3"	MJ x MJ	1	1	43.88	43.88	43.88
806-040MJ	4"	MJ x MJ	1	1	62.55	62.55	62.55
806-060MJ	6"	MJ x MJ	1	1	120.75	120.75	120.75
806-080MJ	8"	MJ x MJ	1	1	176.08	176.08	176.08
806-100MJ	10"	MJ x MJ	1	1	268.77	268.77	268.77
806-120MJ	12"	MJ x MJ	1	1	384.29	384.29	384.29

815 Series - C.I. OS&Y Gate Valve



Features:

- Flange x Flange Connection
- Rising Stem
- Cast Iron Body
- AWWA C510
- Sizes: 2" - 8"
- Max pressure 200psi

Item	Size	Connection Type	Inner Case	Master Case	Weight Per		
					Each Item (lbs)	Inner Case (lbs)	Master Case (lbs)
815-020F	2"	Flanged	1	1	34	34	34
815-025	2-1/2"	Flanged	1	1	44	44	44
815-030	3"	Flanged	1	1	59	59	59
815-040	4"	Flanged	1	1	106	106	106
815-060F	6"	Flanged	1	1	179	179	179
815-080	8"	Flanged	1	1	306	306	306

820 Series - C.I. Flanged Swing Check


Features:

- Flange x Flange
- Cast Iron Body
- Class 125
- Bolted Bonnet
- Sizes: 2" - 12"
- Max pressure 200psi

Item	Size	Connection Type	Inner Case	Master Case	Weight Per		
					Each Item (lbs)	Inner Case (lbs)	Master Case (lbs)
820-020F	2"	Flanged	1	1	30	30	30
820-025F	2-1/2"	Flanged	1	1	41	41	41
820-030F	3"	Flanged	1	1	51	51	51
820-040F	4"	Flanged	1	1	94	94	94
820-050F	5"	Flanged	1	1	127	127	127
820-060F	6"	Flanged	1	1	166	166	166
820-080F	8"	Flanged	1	1	294	294	294
820-100F	10"	Flanged	1	1	473	473	473
820-120F	12"	Flanged	1	1	695	695	695

822 Series - C.I. Flanged Swing Check Gasketed


Features:

- Flange x Flange
- Gasketed for Quiet Operation
- Cast Iron Body
- Class 125
- Bolted Bonnet
- Sizes: 2" - 6"

Item	Size	Connection Type	Inner Case	Master Case	Weight Per		
					Each Item (lbs)	Inner Case (lbs)	Master Case (lbs)
822-020FRW	2"	Flanged	1	1	31	31	31
822-030FRW	3"	Flanged	1	1	51	51	51
822-040FRW	4"	Flanged	1	1	94	94	94
822-060FRW	6"	Flanged	1	1	166	166	166

830 Series - C.I. Threaded Check Valve



Features:

- Threaded ends
- Cast Iron Body
- Class 125
- Bolted Bonnet
- Sizes: 2-1/2" - 8"

Item	Size	Connection Type	Inner Case	Master Case	Weight Per		
					Each Item (lbs)	Inner Case (lbs)	Master Case (lbs)
830-025T	2-1/2"	Threaded	1	1	30	30	30
830-030T	3"	Threaded	1	1	39	39	39
830-040T	4"	Threaded	1	1	76	76	76
830-050T	5"	Threaded	1	1	138	138	138
830-060T	6"	Threaded	1	1	166	166	166
830-080T	8"	Threaded	1	1	278	278	278

836 Series - D.I. Wafer Check Valve



Features:

- Ductile Iron body
- Single Disk
- Stainless Steel 316 Spring & Disk
- Sizes: 2" - 8"

Item	Size	Connection Type	Inner Case	Master Case	Weight Per		
					Each Item (lbs)	Inner Case (lbs)	Master Case (lbs)
836-020	2"	Wafer	1	1	3.9	3.9	3.9
836-025	2-1/2"	Wafer	1	1	5.2	5.2	5.2
836-030	3"	Wafer	1	1	7	7	7
836-040	4"	Wafer	1	1	11.8	11.8	11.8
836-050	5"	Wafer	1	1	16.1	16.1	16.1
836-060	6"	Wafer	1	1	20.2	20.2	20.2
836-080	8"	Wafer	1	1	32	32	32

840 Series - C.I. Wafer Style Butterfly Valve (Ductile Disc)


Features:

- Wafer Connection
- Ductile Iron Body & Disk
- Lever Handle
- Sizes: 2" - 12"

Item	Size	Connection Type	Inner Case	Master Case	Weight Per		
					Each Item (lbs)	Inner Case (lbs)	Master Case (lbs)
840-020	2"	Wafer	1	1	5.51	5.51	5.51
840-025	2-1/2"	Wafer	1	1	7.05	7.05	7.05
840-030	3"	Wafer	1	1	7.94	7.94	7.94
840-040	4"	Wafer	1	1	10.8	10.8	10.8
840-050	5"	Wafer	1	1	15.43	15.43	15.43
840-060	6"	Wafer	1	1	17.2	17.2	17.2
840-080	8"	Wafer	1	1	29.1	29.1	29.1
840-100	10"	Wafer	1	1	42.33	42.33	42.33
840-120	12"	Wafer	1	1	71.65	71.65	71.65

842 Series - C.I. Lug Style Butterfly Valve (Ductile Disc)


Features:

- Lug Connection
- Ductile Iron Body & Disk
- Lever Handle
- Sizes: 2" - 12"

Item	Size	Connection Type	Inner Case	Master Case	Weight Per		
					Each Item (lbs)	Inner Case (lbs)	Master Case (lbs)
842-020	2"	Lug	1	1	5.51	5.51	5.51
842-025	2-1/2"	Lug	1	1	7.05	7.05	7.05
842-030	3"	Lug	1	1	7.94	7.94	7.94
842-040	4"	Lug	1	1	10.8	10.8	10.8
842-050	5"	Lug	1	1	15.43	15.43	15.43
842-060	6"	Lug	1	1	17.2	17.2	17.2
842-080	8"	Lug	1	1	29.1	29.1	29.1
842-100	10"	Lug	1	1	42.33	42.33	42.33
842-120	12"	Lug	1	1	71.65	71.65	71.65

845 Series - C.I. Wafer Style Butterfly Valve Lever Operated (Stainless Disc)



Features:

- Wafer Connection
- Ductile Iron Body
- Stainless Disk
- Lever Handle
- Sizes: 2" - 12"

Item	Size	Connection Type	Inner Case	Master Case	Weight Per		
					Each Item (lbs)	Inner Case (lbs)	Master Case (lbs)
845-020LO	2"	Wafer	1	1	5.51	5.51	5.51
845-030LO	3"	Wafer	1	1	7.94	7.94	7.94
845-040LO	4"	Wafer	1	1	10.8	10.8	10.8
845-060LO	6"	Wafer	1	1	17.2	17.2	17.2
845-080LO	8"	Wafer	1	1	29.1	29.1	29.1
845-100LO	10"	Wafer	1	1	42.33	42.33	42.33
845-120LO	12"	Wafer	1	1	71.65	71.65	71.65

846 Series - C.I. Wafer Style Butterfly Valve Gear Drive (Stainless Disc)



Features:

- Wafer Connection
- Ductile Iron Body
- Stainless Steel Disc
- Gear Operated w/ Handwheel
- Sizes: 4"-16"

Item	Size	Connection Type	Inner Case	Master Case	Weight Per		
					Each Item (lbs)	Inner Case (lbs)	Master Case (lbs)
846-040GD	4"	Wafer	1	1	21.78	21.78	21.78
846-060GD	6"	Wafer	1	1	28.16	28.16	28.16
846-080GD	8"	Wafer	1	1	54.12	54.12	54.12
846-100GD	10"	Wafer	1	1	67.32	67.32	67.32
846-120GD	12"	Wafer	1	1	100.1	100.1	100.1
846-140GD	14"	Wafer	1	1	-	-	-
846-160GD	16"	Wafer	1	1	-	-	-

850 Series - C.I. Flanged Wye Strainer


Features:

- Flange x Flange Connection
- Cast Iron Body
- Sizes: 2-1/2" - 12"

Item	Size	Connection Type	Inner Case	Master Case	Weight Per		
					Each Item (lbs)	Inner Case (lbs)	Master Case (lbs)
850-025F	2-1/2"	Flanged	1	1	37	-	37
850-030F	3"	Flanged	1	1	44	44	44
850-040F	4"	Flanged	1	1	78	78	78
850-050F	5"	Flanged	1	1	110	110	110
850-060F	6"	Flanged	1	1	130	130	130
850-080F	8"	Flanged	1	1	100	100	100
850-100F	10"	Flanged	1	1	281	281	281
850-120F	12"	Flanged	1	1	471	471	471

860 Series - C.I. Threaded Wye Strainer


Features:

- Threaded Ends
- Cast Iron Body
- Sizes: 1/2" - 3"

Item	Size	Connection Type	Inner Case	Master Case	Weight Per		
					Each Item (lbs)	Inner Case (lbs)	Master Case (lbs)
860-005T	1/2"	Threaded	1	1	2	4	2
860-007T	3/4"	Threaded	1	1	3	6	3
860-010T	1"	Threaded	1	1	4	7	4
860-012T	1-1/4"	Threaded	1	1	7	8	7
860-015T	1-1/2"	Threaded	1	1	8	11	8
860-020T	2"	Threaded	1	1	13	18	13
860-025T	2-1/2"	Threaded	1	1	24	27	24
860-030T	3"	Threaded	1	1	32	38	32

870 Series - Steel Companion Flanges



Features:

- Threaded
- Cast Iron
- 150 PSI
- Sizes" 1" - 12"

Item	Size	Connection Type	Inner Case	Master Case	Weight Per		
					Each Item (lbs)	Inner Case (lbs)	Master Case (lbs)
870-010	1"	Flanged	1	1	2.25	2.25	2.25
870-012	1-1/4"	Flanged	1	1	2.5	2.5	2.5
870-015	1-1/2"	Flanged	1	1	2.95	2.95	2.95
870-020	2"	Flanged	1	1	4	4	4
870-025	2-1/2"	Flanged	1	1	6	6	6
870-030	3"	Flanged	1	1	7.63	7.63	7.63
870-040	4"	Flanged	1	1	11.75	11.75	11.75
870-050	5"	Flanged	1	1	14	14	14
870-060	6"	Flanged	1	1	16.5	16.5	16.5
870-080	8"	Flanged	1	1	26	-	26
870-100	10"	Flanged	1	1	37.8	37.8	37.8
870-120	12"	Flanged	1	1	52.5	52.5	52.5

871 Series - Steel Reducing Companion Flanges


Features:

- Threaded
- Cast Iron
- Sizes: 2" x 1.1/2" - 8" x 6"

Item	Size	Connection Type	Inner Case	Master Case	Weight Per		
					Each Item (lbs)	Inner Case (lbs)	Master Case (lbs)
871-020015	2" x 1-1/2"	Flanged	1	1	4.5	4.5	4.5
871-030015	3" x 1-1/2"	Flanged	1	1	8.75	8.75	8.75
871-030020	3" x 2"	Flanged	1	1	8.5	8.5	8.5
871-040020	4" x 2"	Flanged	1	1	14.75	14.75	14.75
871-040025	4" x 2-1/2"	Flanged	1	1	12.75	12.75	12.75
871-040030	4" x 3"	Flanged	1	1	16	16	16
871-050040	5" x 4"	Flanged	1	1	-	0	0
871-060015	6" x 1-1/2"	Flanged	1	1	33	33	33
871-060020	6" x 2"	Flanged	1	1	26	26	26
871-060040	6" x 4"	Flanged	1	1	21	21	21
871-060050	6" x 5"	Flanged	1	1	26	26	26
871-080020	8" x 2"	Flanged	1	1	44	44	44
871-080040	8" x 4"	Flanged	1	1	34	34	34
871-080050	8" x 5"	Flanged	1	1	32	32	32
871-080060	8" x 6"	Flanged	1	1	31	31	31

880 Series - C.I. Blind Flange


Features:

- Blind
- Cast Iron
- Sizes: 2" - 12"

Item	Size	Connection Type	Inner Case	Master Case	Weight Per		
					Each Item (lbs)	Inner Case (lbs)	Master Case (lbs)
880-020	2"	Flanged	1	1	6	6	6
880-025	2-1/2"	Flanged	1	1	7	7	7
880-030	3"	Flanged	1	1	9	9	9
880-040	4"	Flanged	1	1	16	16	16
880-060	6"	Flanged	1	1	25	25	25
880-080	8"	Flanged	1	1	42	42	42
880-100	10"	Flanged	1	1	63	63	63
880-120	12"	Flanged	1	1	85	85	85

885 Series - C.I. Weld Flange


Features:

- Weld/Socket Connection
- Cast Iron
- Sizes: 2" - 10"

Item	Size	Connection Type	Inner Case	Master Case	Weight Per		
					Each Item (lbs)	Inner Case (lbs)	Master Case (lbs)
885-020	2"	Flanged	1	1	2	2	2
885-030	3"	Flanged	1	1	7.6	7.6	7.6
885-040	4"	Flanged	1	1	11.75	11.75	11.75
885-060	6"	Flanged	1	1	16.5	16.5	16.5
885-080	8"	Flanged	1	1	26	26	26
885-100	10"	Flanged	1	1	37.8	37.8	37.8

905 Series - D.I. Bolted Couplings


Features:

- Ductile Iron
- Epoxy Coated
- Max Pressure 250 PSI
- Sizes: 2" - 12"

Item	Size	Connection Type	Inner Case	Master Case	Weight Per		
					Each Item (lbs)	Inner Case (lbs)	Master Case (lbs)
905-020	2"	CompXComp	1	1	9	9	9
905-025	2-1/2"	CompXComp	1	1	13	13	13
905-030	3"	CompXComp	1	1	15.5	15.5	15.5
905-040	4"	CompXComp	1	1	9.92	9.92	9.92
905-060	6"	CompXComp	1	1	15.65	15.65	15.65
905-080	8"	CompXComp	1	1	19.84	19.84	19.84
905-100	10"	CompXComp	1	1	46.48	46.48	46.48
905-120	12"	CompXComp	1	1	54.48	54.48	54.48

906 Series - D.I. Flanged Adapters


Features:

- Ductile Iron
- Epoxy Coated
- Max Pressure 250 PSI
- Sizes 2" - 10"

Item	Size	Connection Type	Inner Case	Master Case	Weight Per		
					Each Item (lbs)	Inner Case (lbs)	Master Case (lbs)
906-020DI	2"	Flgd x Comp	1	1	9.75	9.75	9.75
906-025DI	2-1/2"	Flgd x Comp	1	1	11.25	11.25	11.25
906-030DI	3"	Flgd x Comp	1	1	10.36	10.36	10.36
906-040DI	4"	Flgd x Comp	1	1	11.68	11.68	11.68
906-060DI	6"	Flgd x Comp	1	1	16.97	16.97	16.97
906-080DI	8"	Flgd x Comp	1	1	18.96	18.96	18.96
906-100DI	10"	Flgd x Comp	1	1	30.86	30.86	30.86

910 Series - Red Rubber Gaskets


Features:

- 1/8" Thick
- Full Face
- NBR
- Sizes: 1.1/2" - 12"

Item	Size	Connection Type	Inner Case	Master Case	Weight Per		
					Each Item (lbs)	Inner Case (lbs)	Master Case (lbs)
910-015	1-1/2"	1/8" Red Rubber	-	-	0.5	0	0
910-020	2"	1/8" Red Rubber	-	-	0.5	0	0
910-025	2-1/2"	1/8" Red Rubber	-	-	0.5	0	0
910-030	3"	1/8" Red Rubber	-	-	0.5	0	0
910-040	4"	1/8" Red Rubber	-	-	0.5	0	0
910-050	5"	1/8" Red Rubber	-	-	0.5	0	0
910-060	6"	1/8" Red Rubber	-	-	0.75	0	0
910-080	8"	1/8" Red Rubber	-	-	0.75	0	0
910-100	10"	1/8" Red Rubber	-	-	1	0	0
910-120	12"	1/8" Red Rubber	-	-	1	0	0

910 Series - EPDM Gaskets



Item	Size	Connection Type	Inner Case	Master Case	Weight Per		
					Each Item (lbs)	Inner Case (lbs)	Master Case (lbs)
910-140	14"	Black EPDM	-	-	1.5	-	-
910-160	16"	Black EPDM	-	-	1.7	-	-
910-180	18"	Black EPDM	-	-	2	-	-

926 Series - Flanged Gasket Kits



Features:

- 1/8" Thick
- Full Face
- NBR
- Sizes 2" - 12"

Item	Size	Connection Type	Inner Case	Master Case	Weight Per		
					Each Item (lbs)	Inner Case (lbs)	Master Case (lbs)
926-020FGK	2"	-	-	1	2	0	2
926-025FGK	2-1/2"	-	-	1	2	0	2
926-030FGK	3"	-	-	1	2	0	2
926-040FGK	4"	-	-	1	4	0	4
926-060FGK	6"	-	-	1	6	0	6
926-080FGK	8"	-	-	1	6	0	6
926-100FGK	10"	-	-	1	13	0	13
926-120FGK	12"	-	-	1	14	0	14

976 Series - Pipe Stands 24" - 36"



Item	Size	Inner Case	Master Case	Weight Per		
				Each Item (lbs)	Inner Case (lbs)	Master Case (lbs)
976	Pipe Support-adj	-	-	13.5	0	0

977 Series - 4 Valve Key



Item	Size	Inner Case	Master Case	Weight Per		
				Each Item (lbs)	Inner Case (lbs)	Master Case (lbs)
977	4' Valve Key Extension	-	-	9.5	0	0

978Series -DI Btfly Valve Extension



Features:

- Body: Ductile Iron
- Length: 48"
- For Wafer Btfly. Valves

Item	Size	Master Case	Weight Per		
			Each Item (lbs)	Inner Case (lbs)	Master Case (lbs)
978-060/48	6"	1	22	-	-
978-080/48	8"	1	33	-	-
978-100/48	10"	1	33	-	-
978-120/48	12"	1	44	-	-



Southern
Valve & Fitting USA, Inc.



Bugatti Valves

609-9241NL Series - Bugatti High Performance Full Port Ball valve IPS F/F in No Lead with green handle (UL/FM/CSA/NSF Approvals)



Features:

- Threaded
- Regular Brass
- 600 WOG
- UL/FM/CSA/NSF Listed
- ANSI
- 5 Year Warranty
- Made in Italy



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
609-9241NL-002	1/4"	-	-	-	-
609-9241NL-003	3/8"	-	80	-	28.00
609-9241NL-005	1/2"	-	80	-	31.20
609-9241NL-007	3/4"	-	56	-	31.36
609-9241NL-010	1"	-	24	-	21.12
609-9241NL-012	1-1/4"	-	16	-	22.88
609-9241NL-015	1-1/2"	-	8	-	17.36
609-9241NL-020	2"	-	8	-	28.88

609-9241L Series - Bugatti High Performance Full Port Ball Valve IPS F/F in Regular Brass with Black Handle (UL/FM/CSA/NSF Approvals)



Features:

- Threaded
- Regular Brass
- 600 WOG
- UL/FM/CSA/NSF Listed
- ANSI
- 5 Year Warranty
- Made in Italy



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
609-9241L-005	1/2"	-	80	-	31.20
609-9241L-007	3/4"	-	56	-	31.36
609-9241L-010	1"	-	24	-	21.12
609-9241L-012	1-1/4"	-	16	-	22.88
609-9241L-015	1-1/2"	-	8	-	17.36
609-9241L-020	2"	-	8	-	28.88
609-9241L-025	2-1/2"	-	-	-	-
609-9241L-003	3"	-	-	-	-
609-9241L-040	4"	-	-	-	-

609-9250NL Series - Bugatti High Performance Standard Port Valve Compression x Compression No Lead with green handle NSF Listed



Features:

- Sizes: 1/2" - 1"
- Pressure Rating: 600 WOG - 150 WSP
- Temperature Range: - 20°F - 300°F
- PTFE Seats
- Adjustable Packing Nut
- 100% Made in Italy
- Made in Italy



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
609-9250NL-005	1/2"	-	60	-	148.00
609-9250NL-007	3/4"	-	48	-	81.60
609-9250NL-010	1"	-	32	-	34.00
609-9250NL-012	1-1/4"	-	-	-	-

609-192NL Series - Bugatti Spring Check Valve Lead Free F/F



Features:

- Female
- 600 WOG
- CSA/NSF Listed
- Lead Free
- ANSI
- 5 Year Warranty
- Made in Italy



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
609-192NL-005	1/2"	-	96	-	234
609-192NL-007	3/4"	-	64	-	66

609-9276NL Series - Bugatti High Performance Full Port Ball Valve Sweat/Sweat in No Lead with green handle (UL/FM/CSA/NSF Approvals)



Features:

- Socket
- Lead Free
- 600 WOG
- UL/FM/CSA/NSF Listed
- ANSI
- 5 Year Warranty
- Made in Italy



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
609-9276NL-005	1/2"	-	80	-	29.60
609-9276NL-007	3/4"	-	40	-	22.40
609-9276NL-010	1"	-	24	-	21.12
609-9276NL-012	1-1/4"	-	16	-	22.72
609-9276NL-015	1-1/2"	-	8	-	16.48
609-9276NL-020	2"	-	6	-	21.66

609-9681 Series - BUGATTI one piece Ball valve for gas female / female in regular brass with standard yellow handle (UL/CSA Approvals)



Features:

- Threaded
- 175 psi
- CSA / UL Listed
- ANSI
- ISO-9002
- 5 Year Warranty
- Made in Italy



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
609-9681-005	1/2"	-	80	-	32.80
609-9681-007	3/4"	-	40	-	24.00

609-9681SL Series - BUGATTI one piece Ball valve for gas female / female in regular brass with Safety Stop Blue Handle (UL/CSA Approvals)



Features:

- Threaded
- Safety Stop Handle
- CSA / UL Listed
- 175 psi
- ANSI
- 5 Year Warranty
- Made in Italy



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
609-9681SL-005	1/2"	-	80	-	31.20
609-9681SL-007	3/4"	-	40	-	24.00

609-9686SL Series - BUGATTI one piece Ball valve for gas female / flare in regular brass with safety stop blue handle (UL/CSA Approvals)



Features:

- Female x Flare
- Safety Stop Handle
- CSA / UL Listed
- 175 psi
- ANSI
- 5 Year Warranty
- Made in Italy



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
609-9686SL-005003	1/2" x 3/8"	-	80	-	29.60
609-9686SL-005005	1/2" x 1/2"	-	80	-	32.00

609-9241SL Series - BUGATTI High Performance Full Port Ball valve IPS F/F in No Lead with Bugatti lockable system with antitheft screw (UL/FM/CSA/NSF Approvals)



Features:

- Female
- 600 WOG
- UL/FM/CSA/NSF Listed
- ANSI
- 5 Year Warranty
- Made in Italy



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
609-9241SL-005	1/2"	-	60	-	22.80
609-9241SL-007	3/4"	-	40	-	21.20

609-9241D Series - Bugatti High Performance Full Port Ball valve w/ Drain. IPS F/F in No Lead with green handle (UL/FM/CSA/NSF Approvals)



Features:

- Female
- 600 WOG
- UL/FM/CSA/NSF Listed
- Anti-Freeze Ball Valve
- ANSI
- "Anti-Freeze"
- 5 Year Warranty
- Made in Italy



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
609-9241D-005	1/2"	-	40	-	97.20
609-9241D-007	3/4"	-	40	-	68.00
609-9241D-010	1"	-	24	-	25.92

609-9276D Series - Bugatti High Performance Full Port Ball valve w/ Drain. IPS S/S in No Lead with green handle (UL/FM/CSA/NSF Approvals)



Features:

- Socket
- 600 WOG
- UL/FM/CSA/NSF Listed
- ANSI
- 5 Year Warranty
- Made in Italy



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
609-9276D-005	1/2"	-	40	-	105.20
609-9276D-007	3/4"	-	40	-	69.60
609-9276D-010	1"	-	24	-	26.88

609-192 Series - Bugatti Spring Check Valve F/F



Features:

- Non-potable Water in USA
- Female
- In-Line Spring Check Valve with Brass Insert
- 200 WOG
- ANSI
- Stainless Steel Spring
- 5 Year Warranty
- Made in Italy

Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
609-192-005	1/2"	-	96	-	38.40
609-192-007	3/4"	-	64	-	39.68
609-192-010	1"	-	40	-	35.60
609-192-012	1-1/4"	-	24	-	34.32
609-192-015	1-1/2"	-	16	-	32.00
609-192-020	2"	-	8	-	22.96
609-192-030	3"	-	6	-	29.64
609-192-040	4"	-	2	-	16.10

609-9410 Series - Bugatti Lockwing Gas Ball Valve F/F (CSA Approved)



Features:

- Female
- One Piece Gas Ball Valve Tamperrer Resistant
- 600 WOG
- Pressure Rated: 175 psi
- ANSI
- CSA Listed
- Made in Italy



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
609-9410-005	1/2"	-	40	-	97.20
609-9410-007	3/4"	-	40	-	68.00
609-9410-010	1"	-	24	-	25.92
609-9410-012	1-1/4"	-	-	-	-
609-9410-015	1-1/2"	-	-	-	-
609-9410-020	2"	-	-	-	-

609-9660 Series - Bugatti Brass Ball Valve Two Pieces Body F/F Level Handle (CSA-UL Approved)



Features:

- Female
- Gas Ball Valve
- 175 psi
- CSA / UL Listed
- ANSI
- 5 Year Warranty
- Made in Italy



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
609-9660-005	1/2"	-	56	-	30.80
609-9660-007	3/4"	-	24	-	18.72
609-9660-010	1"	-	24	-	18.72

609-9665 Series - Bugatti Brass Ball Valve Two Pieces Body Flare Level Handle (CSA-UL Approved)



Features:

- Female
- 175 psi
- CSA / UL Listed
- ANSI
- 5 Year Warranty
- Made in Italy



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
609-9665-005003	3/8" x 1/2"	-	80	-	29.60
609-9665-005005	1/2" x 1/2"	-	80	-	29.60
609-9665-007009	15/16" x 3/4"	-	-	-	-

609-9694 Series - Bugatti Brass Angle Ball Valve One Piece Body F x Flare Lever Handle (CSA Approved)



Features:

- Female
- 175 psi
- CSA / UL Listed
- ANSI
- 5 Year Warranty
- Made in Italy



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
609-9694-007009	15/16" x 3/4"	-	48	-	32.64

609-9800 Series - Bugatti Brass Mini-Ball Valve Nickel Plated, FIP x FIP


Features:

- Female
- 450 WOG
- Blow Out Proof Stem
- Solid Chrome Plated Ball
- P.T.F.E Seats
- Made in Italy
- ANSI B 1.20.1


Weight Per

Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
609-9800-003	3/8"	-	200	-	48
609-9800-005	1/2"	-	200	-	66

609-9805 Series - Bugatti Brass Mini-Ball Valve Nickel Plated, MIP x FIP


Features:

- Male x Female
- 450 WOG
- Blow Out Proof Stem
- Solid Chrome Plated Ball
- P.T.F.E Seats
- Made in Italy
- ANSI B 1.20.1


Weight Per

Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
609-9805-003	3/8"	-	200	-	40
609-9805-005	1/2"	-	160	-	60



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LEAD-FREE BRASS

660 Series - Lead Free Brass Full Port Threaded Ball Valve


Features:

- Full Port
- Lead Free Forged Brass
- Blowout Proof Stem
- Threaded Ends Comply with ANSI B2.1
- 600 WOG
- ANSI B1.20.1
- NSF Listed



Item	Size	Connection Type	Inner Case	Master Case	Inner Case (lbs)	Master Case (lbs)
660-002	1/4"	F x F	-	120	-	37.20
660-003	3/8"	F x F	-	120	-	37.20
660-005	1/2"	F x F	-	120	-	56.40
660-007	3/4"	F x F	-	60	-	48.00
660-010	1"	F x F	-	48	-	55.20
660-012	1-1/4"	F x F	-	24	-	43.20
660-015	1-1/2"	F x F	-	24	-	58.32
660-020	2"	F x F	-	12	-	41.28

665 Series - Lead Free Brass Full Port C x C Ball Valve 600WOG, UL/FM/CSA


Features:

- Full Port
- Lead Free Forged Brass
- Blow Out Proof Stem
- Threaded Ends Comply with ANSI B2.1
- 600 WOG
- ANSI B16.18
- NSF Listed



Item	Size	Connection Type	Inner Case	Master Case	Inner Case (lbs)	Master Case (lbs)
665-007	1/2"	S x S	-	120	-	48.00
665-010	3/4"	S x S	-	60	-	42.00
665-012	1"	S x S	-	48	-	50.40
665-015	1-1/4"	S x S	-	24	-	40.08
665-020	1-1/2"	S x S	-	24	-	59.52
665-020	2"	S x S	-	12	-	44.76

670 Series - Lead Free Brass Reduced Port Threaded Ball Valve


Features:

- Lead Free Forged Brass
- Blow Out Proof Stem
- Threaded Ends Comply with ANSI B2.1
- 600 WOG
- NSF Listed



Item	Size	Connection Type	Inner Case	Master Case	Inner Case (lbs)	Master Case (lbs)
670-002	1/4"	F x F	-	120	-	37.20
670-003	3/8"	F x F	-	120	-	37.20
670-005	1/2"	F x F	-	120	-	56.40
670-007	3/4"	F x F	-	60	-	48.00
670-010	1"	F x F	-	48	-	55.20
670-012	1-1/4"	F x F	-	24	-	43.20
670-015	1-1/2"	F x F	-	24	-	58.32
670-020	2"	F x F	-	12	-	41.28

680 Series - Lead Free Brass Full Port Gate Valve



Features:

- Full Port
- Lead Free Forged Brass
- 200 WOG
- ANSI B1.20.1
- NSF Listed



Item	Size	Connection Type	Inner Case	Master Case	Inner Case (lbs)	Master Case (lbs)
680-002	1/4"	F x F	-	100	-	57.00
680-005	1/2"	F x F	-	100	-	57.00
680-007	3/4"	F x F	-	60	-	48.00
680-010	1"	F x F	-	50	-	59.00
680-012	1-1/4"	F x F	-	30	-	50.10
680-015	1-1/2"	F x F	-	20	-	45.20
680-020	2"	F x F	-	20	-	65.60
680-025	2.5"	F x F	-	10	-	2.10
680-030	3"	F x F	-	6	-	1.72
680-040	4"	F x F	-	4	-	1.53

681 Series - Brass Bent Nose Garden Valve Lead Free FIP x MHT Heavy Duty



Features:

- Lead Free
- Heavy Duty Brass Construction
- Full Flow inlet and outlet
- Body ASTM-UNS B584 C85710
- Seat Screw Stainless Steel 304
- Connection: FIP x MHT
- Size: 1/2" - 1"



Item	Size	Master Case	Master Case (lbs)
681-005007	1/2" FIP x 3/4" MHT	72	48
681-007007	3/4" FIP x 3/4" MHT	72	48
681-010007	1" FIP x 3/4" MHT	72	58

682 Series - Brass Globe Valve, Lead Free



Features:

- Size: 1/4" - 2"
- Pressure Rating: 300 WOG | Non-Shock
- Temperature Rating: 180°F
- Lead Free



Item	Size	Connection Type	Inner Case	Master Case	Inner Case (lbs)	Master Case (lbs)
682-002	1/4"	-	-	100	-	139.55
682-005	1/2"	-	-	100	-	139.55
682-007	3/4"	-	-	60	-	80.69
682-010	1"	-	-	40	-	51.41
682-012	1-1/4"	-	-	30	-	36.38
682-015	1-1/2"	-	-	24	-	38.04
682-020	2"	-	-	16	-	24.62

684 Series - Brass Swing Check Valve, Lead Free



Features:

- Sizes: 1/4" - 4"
- Pressure Rating: 200 WOG | Non-Shock
- Temperature Rating: 180°F
- Lead Free
- Pressure Rating for Steam: 125 PSI | 320°F
- FIP x FIP



Item	Size	Connection Type	Inner Case	Master Case	Inner Case (lbs)	Master Case (lbs)
684-002	1/4"	-	-	120	-	147.09
684-005	1/2"	-	-	100	-	138.89
684-007	3/4"	-	-	80	-	91.71
684-010	1"	-	-	60	-	80.69
684-012	1-1/4"	-	-	40	-	49.03
684-015	1-1/2"	-	-	30	-	36.24
684-020	2"	-	-	20	-	22.93
684-025	2-1/2"	-	-	15	-	25.79
684-030	3"	-	-	6	-	6.61
684-040	4"	-	-	4	-	6.35

685 Series - Brass Swing Check Valve, Lead Free



Features:

- Sizes: Sizes: 1/2" - 4"
- Pressure Rating: 200 WOG | Non-Shock
- Temperature Rating: 180°F
- Lead Free
- S x S



Item	Size	Connection Type	Inner Case	Master Case	Inner Case (lbs)	Master Case (lbs)
685-005	1/2"	-	-	100	-	138.89
685-007	3/4"	-	-	80	-	91.71
685-010	1"	-	-	60	-	80.69
685-012	1-1/4"	-	-	40	-	59.97
685-015	1-1/2"	-	-	30	-	47.55
685-020	2"	-	-	20	-	33.07
685-025	2-1/2"	-	-	15	-	27.94
685-030	3"	-	-	6	-	8.04
685-040	4"	-	-	4	-	5.11

686 Series - Bronze Spring Check Valve, Lead Free


Features:

- Sizes: 1/2" - 4"
- Pressure Rating: 200 PSI | Non-Shock
- Temperature Rating: 180°F
- Lead Free
- FIP x FIP



Item	Size	Connection Type	Inner Case	Master Case	Inner Case (lbs)	Master Case (lbs)
686-005	1/2"	-	-	100	-	88.18
686-007	3/4"	-	-	80	-	74.08
686-010	1"	-	-	60	-	69.84
686-012	1-1/4"	-	-	40	-	43.21
686-015	1-1/2"	-	-	30	-	39.15
686-020	2"	-	-	20	-	25.57
686-030	3"	-	-	6	-	7.13
686-040	4"	-	-	1	-	0.66

690 Series - Bronze Y-Strainer FIP, Lead Free


Features:

- Sizes: 1/4" - 3"
- Pressure Rating: 300 CWP | 150 WSP
- Temperature Rating: 180°F
- Lead Free
- FIP x FIP



Item	Size	Connection Type	Inner Case	Master Case	Inner Case (lbs)	Master Case (lbs)
690-002	1/4"	-	-	48	-	41.91
690-005	1/2"	-	-	48	-	41.91
690-007	3/4"	-	-	48	-	39.79
690-010	1"	-	-	32	-	53.62
690-012	1-1/4"	-	-	24	-	42.33
690-015	1-1/2"	-	-	16	-	22.93
690-020	2"	-	-	8	-	4.09
690-025	2-1/2"	-	-	6	-	9.52
690-030	3"	-	-	4	-	4.59

691 Series - Bronze Y-Strainer F C x C, Lead Free


Features:

- Sizes: 1/4" - 2"
- Pressure Rating: 300 CWP | 150 WSP
- Temperature Rating: 180°F
- Lead Free
- F x S x S



Item	Size	Connection Type	Inner Case	Master Case	Inner Case (lbs)	Master Case (lbs)
691-002	1/4"	-	-	48	-	41.91
691-005	1/2"	-	-	48	-	41.91
691-007	3/4"	-	-	48	-	39.79
691-010	1"	-	-	32	-	53.62
691-012	1-1/4"	-	-	24	-	42.33
691-015	1-1/2"	-	-	16	-	22.93
691-020	2"	-	-	8	-	9.17

692 Series - Brass Hose Bibb Lead Free


Features:

- Sizes: 1/2" - 3/4"
- Pressure Rating: 125 PSI WWP | Non-Shock
- Temperature Rating: 180°F
- Lead Free
- MIP x MHT



Item	Size	Connection Type	Inner Case	Master Case	Inner Case (lbs)	Master Case (lbs)
692-005	1/2"	-	-	100	-	122.58
692-007	3/4"	-	-	100	-	122.58

693 Series - Brass Sillcock FIP, Lead Free


Features:

- Sizes: 1/2" - 3/4"
- Pressure Rating: 125 PSI | Non-Shock
- Temperature Rating: 180°F
- Lead Free



Item	Size	Connection Type	Inner Case	Master Case	Inner Case (lbs)	Master Case (lbs)
693-005	1/2"	FIP	-	100	-	140.87
693-007	3/4"	FIP	-	100	-	140.87

694 Series - Brass Sillcock F C x C, Lead Free


Features:

- Sizes: 1/2" - 3/4"
- Pressure Rating: 125 PSI | Non-Shock
- Temperature Rating: 180°F
- Lead Free



Item	Size	Connection Type	Inner Case	Master Case	Inner Case (lbs)	Master Case (lbs)
694-005	1/2"	MIP	-	100	-	140.87
694-007	3/4"	MIP	-	100	-	140.87

695 Series - Brass Boiler Drain FIP x MHT, Lead Free


Features:

- Sizes: 1/2" - 3/4"
- Pressure Rating: 125 PSI | Non-Shock
- Temperature Rating: 180°F
- Lead Free



Item	Size	Connection Type	Inner Case	Master Case	Inner Case (lbs)	Master Case (lbs)
695-005	1/2"	MIP	-	100	-	143.52
695-007	3/4"	MIP	-	100	-	143.52

696 Series - Lead Free Brass Boiler Drain



Features:

- Lead Free Forged Brass
- 3/4 Hose Thread Outlet
- Hose Thread End Complies with ANSI B1.20.7
- 150 WOG
- ANSI B1.20.1 Threaded End
- NSF Listed



Item	Size	Connection Type	Inner Case	Master Case	Inner Case (lbs)	Master Case (lbs)
696-005	1/2"	MIP	-	144	-	53.28
696-007	3/4"	MIP	-	144	-	59.01

699 Series - Lead Free Brass 1/4 Turn Hose Bibb



Features:

- Lead Free
- MPT x MHT
- Teflon Seat
- 150 WOG

Item	Size	Connection Type	Inner Case	Master Case	Inner Case (lbs)	Master Case (lbs)
699-005	1/2"	-	10	100	4.3	43
699-007	3/4"	-	10	100	4.5	45

710NL Series - Brass Vacuum Breaker Lead Free



Features:

- Sizes: 3/4"
- For Drinking Water
- Lead Free



Item	Size	Connection Type	Inner Case	Master Case	Inner Case (lbs)	Master Case (lbs)
710NL-007	3/4"	-	-	200	-	220.46



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B R A S S P R O D U C T S

600 Series - Brass F/P Threaded Ball Valve



Features:

- Threaded
- Heavy Duty Forged Brass
- Full Port, Max Flow, Minimal Pressure Drop
- Quarter Turn Lever Handle
- Chrome Plated Brass Ball & Stem
- Teflon Seats
- Not for Potable Water in USA
- 600 WOG

Item	Size	Inner Case	Master Case	Weight Per Master Case (lbs)
600-002TFP	1/4"	12	120	36
600-003TFP	3/8"	30	300	102
600-005TFP	1/2"	12	120	48
600-007TFP	3/4"	10	100	64
600-010TFP	1"	6	60	61.2
600-012TFP	1-1/4"	4	40	68
600-015TFP	1-1/2"	4	24	55.2
600-020TFP	2"	2	20	67.2
600-025TFP	2-1/2"	2	8	67.2
600-030TFP	3"	2	6	63.6
600-040TFP	4"	2	4	74.8

605 Series - Brass F/P CxC Ball Valve



Features:

- C x C
- Heavy Duty Forged Brass
- Full Port, Max Flow, Minimal Pressure Drop
- Quarter Turn Lever Handle
- Chrome Plated Brass Ball & Stem
- Teflon Seats
- Not for Potable Water in USA
- 400 WOG

Item	Size	Inner Case	Master Case	Weight Per Master Case (lbs)
605-005SFP	1/2"	10	100	40
605-007SFP	3/4"	10	100	60
605-010SFP	1"	6	60	57.6
605-012SFP	1-1/4"	4	40	57.6
605-015SFP	1-1/2"	2	30	58.8
605-020SFP	2"	2	20	62

610 Series - Brass S/P Threaded Ball Valve



Features:

- Threaded
- Heavy Duty Forged Brass
- Standard Port, Max Flow, Minimal Pressure Drop
- Quarter Turn Lever Handle
- Chrome Plated Brass Ball & Stem
- Not for Potable Water in USA
- 400 WOG

Item	Size	Inner Case	Master Case	Weight Per Master Case (lbs)
610-002TSP	1/4"	12	120	32.4
610-003TSP	3/8"	10	120	37.2
610-005TSP	1/2"	12	120	40.8
610-007TSP	3/4"	12	120	57.6
610-010TSP	1"	6	60	48
610-012TSP	1-1/4"	4	40	47.2
610-015TSP	1-1/2"	2	30	55.8
610-020TSP	2"	2	24	64.8
610-025TSP	2-1/2"	2	8	32.8
610-030TSP	3"	2	6	39.6
610-040TSP	4"	2	4	42.4

615 Series - Brass S/P CxC Ball Valve



Features:

- C x C
- Heavy Duty Forged Brass
- Quarter Turn Lever Handle
- Chrome Plated Brass Ball & Stem
- Not for Potable Water in USA
- 400 WOG

Item	Size	Inner Case	Master Case	Weight Per Master Case (lbs)
615-005	1/2"	12	120	37.2
615-007SP	3/4"	12	120	55.2
615-010	1"	6	60	46.2
615-012	1-1/4"	4	40	44.8
615-015	1-1/2"	2	30	50.1
615-020	2"	2	24	55.2

620 Series - Brass Threaded Gate Valve



Features:

- Threaded
- Heavy Duty Forged Brass
- Full Port
- Cast Brass
- Metal to Metal Seating Surfaces
- Not for Potable Water in USA
- 200 WOG

Item	Size	Inner Case	Master Case	Weight Per Master Case (lbs)
620-002T	1/4"	12	120	43.2
620-003T	3/8"	12	120	46.8
620-005T	1/2"	10	100	50
620-007T	3/4"	8	80	54.4
620-010T	1"	6	60	57.6
620-012T	1-1/4"	5	50	65
620-015T	1-1/2"	2	30	54
620-020T	2"	2	24	62.4
620-025T	2-1/2"	1	8	43.2
620-030T	3"	1	6	43.8
620-040T	4"	1	4	46.4

625 Series - Brass CxC Gate Valve



Features:

- C x C
- Heavy Duty Forged Brass
- Full Port
- Cast Brass
- Metal to Metal Seating Surfaces
- Not for Potable Water in USA
- 400 WOG

Item	Size	Inner Case	Master Case	Weight Per Master Case (lbs)
625-002S	1/4"	-	-	-
625-003S	3/8"	-	-	-
625-005S	1/2"	10	100	45
625-007S	3/4"	8	80	48
625-010S	1"	6	60	48
625-012S	1-1/4"	5	40	48
625-015S	1-1/2"	2	30	48
625-020S	2"	2	20	48
625-025S	2-1/2"	-	-	-
625-030S	3"	-	-	-

640 Series - Brass Threaded Swing Check Valve



Features:

- Threaded
- Forged Brass
- Swing Type
- Not for Potable Water in USA
- 200 WOG
- Temperature Range: -20F to 150F
- Positive one way flow for Plumbing and Irrigation with minimal pressure loss

Item	Size	Inner Case	Master Case	Weight Per Master Case (lbs)
640-003T	3/8"	-	-	-
640-005T	1/2"	10	120	48
640-007T	3/4"	10	100	56
640-010T	1"	10	60	45.6
640-012T	1-1/4"	5	40	50.4
640-015T	1-1/2"	5	20	35.6
640-020T	2"	2	20	48
640-025T	2-1/2"	1	12	49.2
640-030T	3"	1	8	49.6
640-040T	4"	1	6	57.6

645 Series - Brass CxC Swing Check Valve



Features:

- C x C
- Forged Brass
- Swing type
- Not for Potable Water in USA
- 200 WOG
- Temperature Range: -20F to 150F
- Positive one way flow for Plumbing and Irrigation with minimal pressure loss

Item	Size	Inner Case	Master Case	Weight Per Master Case (lbs)
645-003S	3/8"	-	-	-
645-005S	1/2"	10	120	48
645-007S	3/4"	10	100	54
645-010S	1"	6	60	44.4
645-012S	1-1/4"	5	40	48.8
645-015S	1-1/2"	5	20	35.6
645-020S	2"	2	20	48

650 Series - Brass In-line Spring Check Valve


Features:

- Threaded
- Forged Brass
- Spring Loaded for Fast Seating Action
- Not for Potable Water in USA
- 200 WOG
- Temperature Range: 10F to 210F

Item	Size	Inner Case	Master Case	Weight Per Master Case (lbs)
650-005T	1/2"	10	200	56
650-007T	3/4"	10	100	47
650-010T	1"	10	100	58
650-012T	1-1/4"	5	60	51.6
650-015T	1-1/2"	5	30	37.8
650-020T	2"	2	24	46.08
650-025T	2-1/2"	1	12	36
650-030T	3"	1	12	54
650-040T	4"	1	6	48

700 Series - Brass Boiler Drain Mip



Item	Size	Inner Case	Master Case	Weight Per Master Case (lbs)
700-005	1/2"	-	120	-
700-007	3/4"	-	120	-

701 Series - Brass Boiler Drain FIP



Item	Size	Inner Case	Master Case	Weight Per Master Case (lbs)
701-005	1/2"	-	120	-
701-007	3/4"	-	120	-

702 Series - Brass Boiler Drain CxC



Item	Size	Inner Case	Master Case	Weight Per Master Case (lbs)
702-005	1/2"	-	120	-
702-007	3/4"	-	120	-

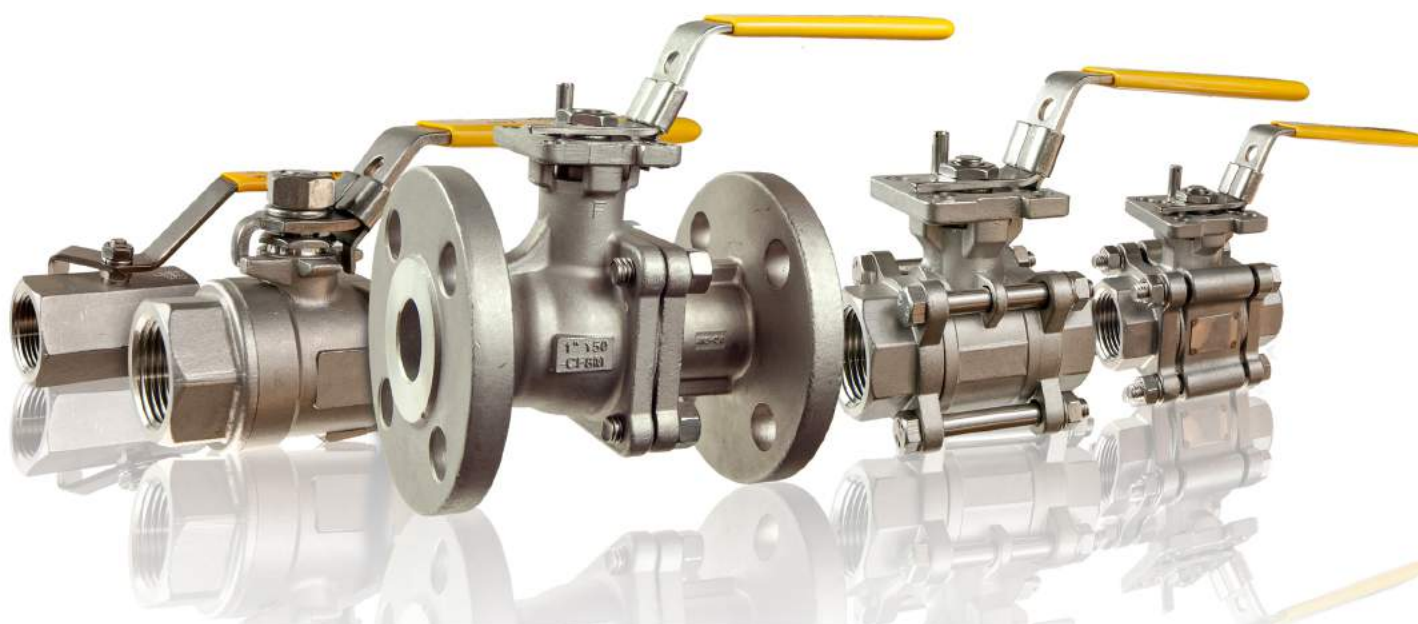
704 Series - 1/4 Turn Brass Boiler Drain Mip



Item	Size	Inner Case	Master Case	Weight Per Master Case (lbs)
704-005	1/2"	-	100	-
704-007	3/4"	-	100	-



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STAINLESS STEEL VALVES

1310 Series - Stainless Steel Ball Valve, ONE Piece, Red. Port, RTFE Seat, Non-Locking Handle, Threaded End



Features

- Body: ASTM A351 GR. CF8M
- End Connections: Threaded End NPT
- Stem: ASTM A276 GR. SS316
- Seat: RTFE
- Pressure: 2000 psi 1/4" – 1" | 1500 psi 1.1/4" – 2"
- Ball: ASTM A351 GR. CF8M

Part No	Size	Weight Per Inner Case (lbs)	Weight Per Master Case (lbs)
1310T-005	1/2"	0.73	0.73
1310T-007	3/4"	0.95	0.95
1310T-010	1"	1.39	1.39
1310T-015	1.1/2"	3.2	3.2
1310T-020	2"	5.73	5.73

1311 Series - Stainless Steel Ball Valve, ONE Piece, Red. Port, 800 PSI, PTFE Seat, Locking Handle, Threaded End,



Features

- Body: ASTM A351 GR. CF8M
- End Connections: Threaded End NPT
- Stem: ASTM A276 GR. SS316
- Seat: PTFE
- Pressure: 800 psi
- Ball: ASTM A351 GR. CF8M

Part No	Size	Weight Per Inner Case (lbs)	Weight Per Master Case (lbs)
1311T-005	1/2"	0.42	0.42
1311T-007	3/4"	0.58	0.58
1311T-010	1"	0.93	0.93
1311T-015	1.1/2"	1.85	1.85
1311T-020	2"	2.93	2.93

1320 Series - Stainless Steel Ball Valve, Two Piece, Full Port, 1000 PSI, PTFE Seat, Locking Handle, Threaded End



Features

- Body: ASTM A351 GR. CF8M
- End Connections: Threaded End NPT
- Stem: ASTM A276 GR. SS316
- Seat: PTFE
- Pressure: 1000 psi 1/4" - 2"
- Ball: ASTM A351 GR. CF8M

Part No	Size	Weight Per Inner Case (lbs)	Weight Per Master Case (lbs)
1320T-005	1/2"	0.75	0.75
1320T-007	3/4"	1.15	1.15
1320T-010	1"	1.87	1.87
1320T-015	1.1/2"	3.97	3.97
1320T-020	2"	6.13	6.13
1320T-025	2.1/2"	14.05	14.05
1320T-030	3"	19.85	19.85

1321 Series - Stainless Steel Ball Valve, Two Piece, Full Port, 2000 PSI, Locking Handle, Threaded End.



Features

- Body: ASTM A351 GR. CF8M
- End Connections: Threaded End NPT
- Stem: ASTM A276 GR. SS316
- Seat: RTFE
- Pressure: 2000 psi 1/4" - 1" | 1500 psi 1.1/4" - 2"
- Ball: ASTM A351 GR. CF8M

Part No	Size	Weight Per Inner Case (lbs)	Weight Per Master Case (lbs)
1321T-002	1/4"	0.58	0.58
1321T-003	3/8"	0.54	0.54
1321T-005	1/2"	0.84	0.84
1321T-007	3/4"	1.15	1.15
1321T-010	1"	1.89	1.89
1321T-012	1.1/4"	3.68	3.68
1321T-015	1.1/2"	4.3	4.3
1321T-020	2"	6.34	6.34

1323 Series - Stainless Steel Ball Valve, Two Piece, Full Port, ISO5211 Direct Mounting, 1000 PSI, RTFE Seat, Locking Handle, Threaded End.



Features

- Body: ASTM A351 GR. CF8M
- End Connections: Threaded End NPT
- Stem: ASTM A276 GR. SS316
- Seat: RTFE (15% G.F.)
- Pressure: 1000 psi 1/4" - 2"

Part No	Size	Weight Per Inner Case (lbs)	Weight Per Master Case (lbs)
1323T-002	1/4"	1.01	1.01
1323T-003	3/8"	1.01	1.01
1323T-005	1/2"	1.01	1.01
1323T-007	3/4"	1.79	1.79
1323T-010	1"	2.12	2.12
1323T-012	1.1/4"	3.44	3.44
1323T-015	1.1/2"	5.07	5.07
1323T-020	2"	7.06	7.06

1324 Series - Stainless Steel Ball Valve, Two Way, Full Port, ISO5211 Mounting Pad, ANSI Class 150, RTFE Seat, Flanged End.



Features

- Body: ASTM A351 GR. CF8M
- End Connections: Flanged End
- Stem: ASTM A276 GR. SS316
- Seat: RTFE (15% G.F.)
- Pressure: 275 psi under ambient temperature conditions
- Face to Face: ANSI B16.5
- Body Seal: PTFE
- Stem Packing: PTFE
- Blow-Out-Proof Stem & Anti-Static Design
- Non-direct Mounting

Part No	Size	Weight Per Inner Case (lbs)	Weight Per Master Case (lbs)
1324TWF-005	1/2"	3.53	3.53
1324TWF-007	3/4"	4.54	4.54
1324TWF-010	1"	6.73	6.73
1324TWF-012	1.1/4"	9.88	9.88
1324TWF-015	1.1/2"	13.87	13.87
1324TWF-020	2"	18.96	18.96
1324TWF-040	4"	60.17	60.17
1324TWF-050	5"	102.97	102.97
1324TWF-060	6"	144.21	144.21
1324TWF-080	8"		
1324TWF-100	10"		

1325 Series - Stainless Steel Ball Valve, Full Port, RTFE Seat, ISO5211 Direct Mounting, Locking Handle, ANSI, Class 150, Flanged End.



Features

- Body: ASTM A351 GR. CF8M
- End Connections: Flanged End, RF
- Stem: ASTM A276 GR. SS316
- Seat: RTFE 15% G.F.
- Pressure: 275 psi under ambient temperature conditions
- Face to Face: ANSI B16.5
- Body Seal: PTFE
- Stem Packing: RTFE
- Blow-Out-Proof Stem & Anti-Static Design
- Locking Handle: 1/2" – 4" ASTM GR. SS302 / 5" – 6" ASTM A216 GR. WCB Pipe Type
- ISO 5211 Direct Mounting for Easy Automation

Part No	Size	Weight Per Inner Case (lbs)	Weight Per Master Case (lbs)
1325TWF-005	1/2"	3.88	3.88
1325TWF-007	3/4"	4.94	4.94
1325TWF-010	1"	8.38	8.38
1325TWF-012	1.1/4"	10.12	10.12
1325TWF-015	1.1/2"	15.35	15.35
1325TWF-020	2"	20.4	20.4
1325TWF-040	4"	52.04	52.04
1325TWF-050	5"	103.3	103.3
1325TWF-060	6"	149.94	149.94

1330 Series - Stainless Steel Ball Valve, Three Pieces, 1000 PSI, Full Bore, RTFE Seat, Locking Handle, Threaded End.



Features

- Body: ASTM A351 GR. CF8M
- End Connections: Threaded End NPT
- Stem: ASTM A276 GR. SS316
- Seat: RTFE
- Pressure: 1000 psi 1/4" – 2" | 800 PSI 2.1/2" – 4"
- Ball: ASTM A351 GR. CF8M
- ISO 5211 Direct Mounting for Easy Automation

Part No	Size	Weight Per Inner Case (lbs)	Weight Per Master Case (lbs)
1330T-002	1/4"	1.3	1.3
1330T-003	3/8"	1.3	1.3
1330T-005	1/2"	1.3	1.3
1330T-007	3/4"	1.57	1.57
1330T-010	1"	2.27	2.27
1330T-012	1.1/4"	3.44	3.44
1330T-015	1.1/2"	5.51	5.51
1330T-020	2"	7.59	7.59
1330T-025	2.1/2"	14.11	14.11
1330T-030	3"	24.7	24.7
1330T-040	4"	48.51	48.51

1331 Series - Stainless Steel Ball Valve, Three Piece, Full Bore, 1000 PSI, Locking Handle



Features

- Body: ASTM A351 GR. CF8M
- End Connections: Threaded NPT
- Stem: ASTM A276 GR. SS316
- Seat: PTFE
- Pressure: 1000 psi 1/4" - 2, 800 PSI 2.1/2" - 4"
- Ball: ASTM A351 GR. CF8M

Part No	Size	Weight Per Inner Case (lbs)	Weight Per Master Case (lbs)
1331T-002	1/4"	0.67	0.67
1331T-003	3/8"	0.67	0.67
1331T-005	1/2"	1.03	1.03
1331T-007	3/4"	1.32	1.32
1331T-010	1"	2.01	2.01
1331T-012	1.1/4"	3	3
1331T-015	1.1/2"	4.48	4.48
1331T-020	2"	6.62	6.62
1331T-025	2.1/2"	14.02	14.02
1331T-030	3"	21.83	21.83
1331T-040	4"	45.73	45.73

1336 Series - Stainless Steel Ball Valve, Three Piece, Full Bore, ISO5211 Direct Mounting, 2000 PSI, Locking Handle, Threaded End.



Features

- API607 Fire Safe Design
- ISO 5211 Direct Mouning
- Body: ASTM A351 GR. CF8M
- End Connections: Threaded End NPT
- Stem: ASTM A276 GR. SS316
- Seat: RTFE (15% G.F.)
- Pressure: 2000 psi 1/4" - 1" | 1500 psi 1.1/2" - 2" | 1000 psi 2.1/2"
- API 607 Fire Safe Design
- ISO 5211 Direct Mounting for Easy Automation

Part No	Size	Weight Per Inner Case (lbs)	Weight Per Master Case (lbs)
1336T-002	1/4"	1.65	1.65
1336T-003	3/8"	1.79	1.79
1336T-005	1/2"	1.9	1.9
1336T-007	3/4"	2.43	2.43
1336T-010	1"	3.4	3.4
1336T-012	1.1/4"	5.01	5.01
1336T-015	1.1/2"	8.14	8.14
1336T-020	2"	11.88	11.88
1336T-025	2.1/2"	21.12	21.12
1336T-030	3"	28.89	28.89



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NSF

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500 Series - PVC SCH-80 90D NSF Elbow S*S



Features:

- Socket
- Pressure rating 150 psi at 73F
- Max. service temperature 140F
- ANSI
- NSF Approved
- Naturally Lead Free
- Up to 18"



Weight Per

Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
500-005	1/2"	-	50	-	4
500-007	3/4"	-	30	-	3.6
500-010	1"	-	60	-	10.8
500-012	1-1/4"	-	25	-	7.5
500-015	1-1/2"	-	36	-	14.76
500-020	2"	-	36	-	2.16
500-025	2-1/2"	-	10	-	11.3
500-030	3"	-	8	-	12.24
500-040	4"	-	12	-	32.76
500-060	6"	-	4	-	31.56
500-080	8"	-	2	-	26.36
500-100	10"	-	1	-	31.13
500-120	12"	-	1	-	46.91
500-140	14"	-	1	-	48.66
500-160	16"	-	1	-	63.21
500-180	18"	-	1	-	89.68

501 Series - PVC SCH-80 45D NSF Elbow S*S


Features:

- Socket
- Pressure rating 150 psi at 73F
- Max. service temperature 140F
- ANSI
- NSF Approved
- Naturally Lead Free
- Up to 18"



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
501-005	1/2"	-	350	-	24.5
501-007	3/4"	-	200	-	18
501-010	1"	-	140	-	23.8
501-012	1-1/4"	-	48	-	10.56
501-015	1-1/2"	-	60	-	20.4
501-020	2"	-	35	-	16.8
501-025	2-1/2"	-	20	-	16
501-030	3"	-	30	-	35.4
501-040	4"	-	16	-	35.2
501-060	6"	-	4	-	20.44
501-080	8"	-	2	-	18.86
501-100	10"	-	1	-	24.54
501-120	12"	-	1	-	36.38
501-140	14"	-	1	-	45.00
501-160	16"	-	1	-	58.47
501-180	18"	-	1	-	82.14

502 Series - PVC SCH-80 NSF Coupling S


Features:

- Socket
- Pressure rating 150 psi at 73F
- Max. service temperature 140F
- ANSI
- NSF Approved
- Naturally Lead Free
- Up to 18"


Weight Per

Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
502-005	1/2"	-	50	-	3.5
502-007	3/4"	-	30	-	3
502-010	1"	-	90	-	11.7
502-012	1-1/4"	-	60	-	13.2
502-015	1-1/2"	-	50	-	15.5
502-020	2"	-	30	-	12
502-025	2-1/2"	-	22	-	14.96
502-030	3"	-	18	-	16.2
502-040	4"	-	10	-	14.8
502-060	6"	-	6	-	21.06
502-080	8"	-	6	-	40.2
502-100	10"	-	1	-	11.71
502-120	12"	-	1	-	18.31
501-140	14"	-	1	-	24.60
502-160	16"	-	1	-	38.76
502-180	18"	-	1	-	61.31

503 Series - PVC SCH-80 Red. Bushing NSF Spig*Socket



Features:

- Spig x Socket
- Pressure rating 150 psi at 73F
- Max. service temperature 140F
- ANSI
- NSF Approved
- Naturally Lead Free
- Up to 18"



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
503-007005	3/4" x 1/2"	-	350	-	10.5
503-010005	1" x 1/2"	-	200	-	6
503-010007	1" x 3/4"	-	200	-	12
503-012005	1-1/4" x 1/2"	-	80	-	3.2
503-012007	1-1/4" x 3/4"	-	80	-	8.8
503-012010	1-1/4" x 1"	-	80	-	8.8
503-015005	1-1/2" x 1/2"	-	80	-	5.6
503-015007	1-1/2" x 3/4"	-	80	-	12
503-015010	1-1/2" x 1"	-	80	-	15.2
503-015012	1-1/2" x 1-1/4"	-	80	-	11.2
503-020005	2" x 1/2"	-	45	-	3.6
503-020007	2" x 3/4"	-	45	-	11.7
503-020010	2" x 1"	-	45	-	11.7
503-020012	2" x 1-1/4"	-	45	-	11.25
503-020015	2" x 1-1/2"	-	45	-	9.9
503-025015	2-1/2" x 1-1/2"	-	24	-	4.08
503-025020	2-1/2" x 2"	-	24	-	8.64
503-030010	3" x 1"	-	48	-	12.96
503-030015	3" x 1-1/2"	-	45	-	28.35
503-030020	3" x 2"	-	45	-	27.9
503-030025	3" x 2-1/2"	-	45	-	27.45
503-040020	4" x 2"	-	26	-	10.92
503-040030	4" x 3"	-	26	-	37.44
503-060020	6" x 2"	-	8	-	6.56
503-140120	14" x 12"	-	1	-	13.65
503-160080	16" x 8"	-	1	-	-
503-160120	16" x 12"	-	1	-	30.29
503-160140	16" x 14"	-	1	-	23.59
503-180080	18" x 8"	-	1	-	37.46
503-180100	18" x 10"	-	1	-	-

504 Series - PVC SCH-80 NSF Male Adapter M*S


Features:

- Male x Socket
- Pressure rating 150 psi at 73F
- Max. service temperature 140F
- ANSI
- NSF Approved
- Naturally Lead Free



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
504-005	1/2"	-	300	-	9
504-007	3/4"	-	200	-	10
504-010	1"	-	120	-	88.8
504-012	1-1/4"	-	65	-	7.8
504-015	1-1/2"	-	63	-	10.71
504-020	2"	-	32	-	8.64
504-025	2-1/2"	-	32	-	15.04
504-030	3"	-	24	-	17.76
504-040	4"	-	12	-	12.6

505 Series - PVC SCH-80 NSF Female Adapter S*F


Features:

- Socket x Female
- Pressure rating 150 psi at 73F
- Max. service temperature 140F
- ANSI
- NSF Approved
- Naturally Lead Free



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
505-005	1/2"	-	300	-	18
505-007	3/4"	-	200	-	14
505-010	1"	-	90	-	11.7
505-012	1-1/4"	-	50	-	8.5
505-015	1-1/2"	-	50	-	9.5
505-020	2"	-	30	-	10.2
505-025	2-1/2"	-	24	-	13.68
505-030	3"	-	18	-	14.22
505-040	4"	-	10	-	15

506 Series - PVC SCH-80 NSF Tee S*S


Features:

- Socket
- Pressure rating 150 psi at 73F
- Max. service temperature 140F
- ANSI
- NSF Approved
- Naturally Lead Free
- Up to 18"



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
506-005	1/2"	-	75	-	8.25
506-007	3/4"	-	45	-	8.1
506-010	1"	-	70	-	16.8
506-012	1-1/4"	-	50	-	19
506-015	1-1/2"	-	30	-	15.6
506-020	2"	-	18	-	14.4
506-025	2-1/2"	-	11	-	15.84
506-030	3"	-	16	-	35.84
506-040	4"	-	10	-	33.8
506-060	6"	-	4	-	40.32
506-080	8"	-	1	-	17.42
506-100	10"	-	1	-	44
506-120	12"	-	1	-	63.03
506-140	14"	-	1	-	64.90
506-160	16"	-	1	-	87.43
506-180	18"	-	1	-	130.73

506 Series - PVC SCH-80 Reducer Tee Socket NSF



Features:

- Socket
- Pressure rating 150 psi at 73F
- Max. service temperature 140F
- ANSI
- NSF Approved
- Naturally Lead Free



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
506-007005	3/4" x 1/2"	-	50	-	9
506-010005	1" x 1/2"	-	40	-	8
506-010007	1" x 3/4"	-	30	-	6.6
506-012007	1-1/4" x 3/4"	-	50	-	16
506-012010	1-1/4" x 1"	-	50	-	19
506-015007	1-1/2" x 3/4"	-	50	-	17
506-015010	1-1/2" x 1"	-	40	-	16.4
506-015012	1-1/2" x 1-1/4"	-	32	-	17.92
506-020005	2" x 1/2"	-	36	-	16.92
506-020007	2" x 3/4"	-	32	-	16
506-020010	2" x 1"	-	30	-	17.1
506-020015	2" x 1-1/2"	-	20	-	15.6
506-025020	2-1/2" x 2"	-	30	-	39.3
506-030020	3" x 2"	-	24	-	38.16
506-040020	4" x 2"	-	15	-	36.45
506-040030	4" x 3"	-	12	-	38.04
506-060040	6" x 4"	-	4	-	28.48
506-080060	8" x 6"	-	1	-	16.05

507 Series - PVC SCH-80 NSF End Cap S



Features:

- Socket
- Pressure rating 150 psi at 73F
- Max. service temperature 140F
- ANSI
- NSF Approved
- Naturally Lead Free



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
507-005	1/2"	-	400	-	136
507-007	3/4"	-	250	-	12.5
507-010	1"	-	150	-	12
507-012	1-1/4"	-	70	-	10.5
507-015	1-1/2"	-	60	-	8.4
507-020	2"	-	32	-	9.92
507-025	2-1/2"	-	18	-	7.92
507-030	3"	-	12	-	7.92
507-040	4"	-	6	-	6.06
507-060	6"	-	4	-	10.76
507-080	8"	-	8	-	38.08

509 Series - PVC SCH-80 NSF Tee Cross S


Features:

- Socket
- Pressure rating 150 psi at 73F
- Max. service temperature 140F
- ANSI
- NSF Approved
- Naturally Lead Free



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
509-005	1/2"	-	180	-	23.4
509-007	3/4"	-	110	-	19.8
509-010	1"	-	50	-	15.5
509-012	1-1/4"	-	12	-	5.28
509-015	1-1/2"	-	24	-	18
509-020	2"	-	12	-	15.36
509-030	3"	-	8	-	21.12
509-040	4"	-	6	-	28.02

511 Series - PVC SCH-80 90D NSF Elbow S*F


Features:

- Socket x Female
- Pressure rating 150 psi at 73F
- Max. service temperature 140F
- ANSI
- NSF Approved
- Naturally Lead Free



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
511-005	1/2"	-	50	-	4
511-007	3/4"	-	30	-	3.6
511-010	1"	-	60	-	11.4
511-012	1-1/4"	-	25	-	8.5
511-015	1-1/2"	-	36	-	15.48
511-020	2"	-	36	-	22.32

512 Series - PVC SCH-80 Wyes S NSF



Features:

- Socket
- Pressure rating 150 psi at 73F
- Max. service temperature 140F
- ANSI
- NSF Approved
- Naturally Lead Free



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
512-005	1/2"	-	75	-	11.25
512-007	3/4"	-	45	-	10.8
512-010	1"	-	55	-	23.1
512-012	1-1/4"	-	30	-	19.2
512-015	1-1/2"	-	20	-	18
512-020	2"	-	12	-	18.84
512-030	3"	-	12	-	34.44
512-040	4"	-	8	-	38.8
512-060	6"	-	2	-	23.98
512-080	8"	-	1	-	31

520 Series - PVC SCH-80 Union O-Ring EPDM NSF



Features:

- Socket
- EPDM (Viton Optional)
- ANSI
- NSF Approved
- Naturally Lead Free
- Corrosion Resistance
- 150 psi at 73F
- Max. service temperature 140F



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
520-005	1/2"	-	100	-	11
520-007	3/4"	-	100	-	19
520-010	1"	-	60	-	16.2
520-012	1-1/4"	-	48	-	20.64
520-015	1-1/2"	-	40	-	22.8
520-020	2"	-	40	-	38.4
520-025	2-1/2"	-	12	-	21.72
520-030	3"	-	6	-	17.52
520-040	4"	-	4	-	22.56

- PVC Sch-80
- Socket End (Threaded Optional)
- O-Ring EPDM (Viton O-Ring Optional)

525 Series - PVC SCH-80 Vanstone Flange Two Piece NSF



Features:

- Flanged
- Pressure rating 150 psi at 73F
- Max. service temperature 140F
- ANSI
- NSF Approved
- Naturally Lead Free



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
525-020	2"	-	48	-	-
525-025	2-1/2"	-	24	-	-
525-030	3"	-	24	-	-
525-040	4"	-	18	-	-
525-060	6"	-	10	-	-
525-080	8"	-	6	-	-
525-100	10"	-	2	-	-
525-120	12"	-	2	-	-

525 Series - PVC SCH-80 Vanstone Flange Two Piece NSF(one piece flange)



Features:

- Flanged
- Pressure rating 150 psi at 73F
- Max. service temperature 140F
- ANSI
- NSF Approved
- Naturally Lead Free



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
525-140	14"	-	1	-	-
525-160	16"	-	1	-	-

564 Series - PVC SCH-80 True Union Ball Valve NSF Socket End



Features

- Socket / Threaded
- Pressure rating 150 psi at 73F
- Max. service temperature 104F
- EPDM (Viton Optional)
- PTFE
- ANSI
- NSF Approved
- Do not use with Compressed Air or Other Gases
- Naturally Lead Free



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
564-005	1/2"	-	48	-	14.88
564-007	3/4"	-	36	-	16.92
564-010	1"	-	30	-	20.7
564-012	1-1/4"	-	12	-	12
564-015	1-1/2"	-	12	-	17.76
564-020	2"	-	12	-	30.72
564-025	2-1/2"	-	4	-	18.68
564-030	3"	-	2	-	15.2
564-040	4"	-	1	-	17.99

585 Series - PVC SCH-80 Btfly Valve Stem O Ring EPDM, Seat EPDM, Handle ABS, Stem Bolt PVC, Lever Handle NSF



Features:

- Pressure rating 150 psi at 73F water, non-shock
- Max. service temperature 140F
- EPDM (Viton Optional). O-rings and Boot. Compatible with ANSI B16.5 Class 150.
- PVC
- ANSI
- NSF Approved
- Naturally Lead Free
- Corrosion Resistance
- Position Indicator Plate



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
585-020	2"	-	12	-	39.72
585-030	3"	-	12	-	49.2
585-040	4"	-	6	-	35.46
585-060	6"	-	4	-	46.4
585-080	8"	-	2	-	33.06

586 Series - PP Super Large Btfly. Valve Gear Operator ANSI Acid & Alkaline Resistance, Anti-Corrosion Suitable Flow & Air



Features:

- Full Flanged
- Pressure rating 100 psi at 73F
- EPDM (Viton Optional)
- PP (Optional PVC, CPVC, PPG, PVDF)
- ANSI
- NSF Approved
- Naturally Lead Free
- Corrosion Resistance

Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
586-280	28"	1	1	-	215
586-320	32"	1	1	-	233
586-360	36"	1	1	-	270
586-400	40"	1	1	-	450
586-480	48"	1	1	-	-

587 Series - PVC SCH-80 Compact Ball Valve NSF



Features:

- Socket
- Pressure rating 150 psi at 73F water, non-shock
- EPDM Seat (Viton Optional). EPD Stem and O-Ring.
- ANSI
- NSF Approved
- Naturally Lead Free
- CPVC Sch-80 Optional
- 6 inch by special order



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
587-005	1/2"	-	120	-	19.2
587-007	3/4"	-	90	-	21.6
587-010	1"	-	60	-	22.8
587-012	1-1/4"	-	40	-	22.8
587-015	1-1/2"	-	30	-	23.4
587-020	2"	-	18	-	23.22
587-030	3"	-	6	-	33.3
587-040	4"	-	4	-	36.16
587-060	6"	-	1	-	20

590 Series - PVC SCH-80 Diaphragm Valve ANSI



Features:

- Full Flanged
- Pressure rating 150 psi at 73F
- EPDM (Available PTFE)
- ANSI
- NSF Approved
- Naturally Lead Free



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
590-005	1/2"	1	12	0.99	10.68
590-007	3/4"	1	12	1.21	13.08
590-010	1"	1	6	1.44	7.8
590-012	1-1/4"	1	4	2.58	9.12
590-015	1-1/2"	1	4	2.62	9.28
590-020	2"	1	4	3.7	13.36
590-025	2-1/2"	1	2	5.85	10.82
590-030	3"	1	2	7.53	13.94
590-040	4"	1	1	13.42	12.58
590-060	6"	1	1	36.11	32.11
590-080	8"	1	1	-	49.55
590-100	10"	1	1	-	93.18

591 Series - PVC SCH-80 Vacuum-Proof Diaphragm Valve ANSI



Features:

- Full Flanged
- Pressure rating 150 psi at 73F
- EPDM (Available PTFE)
- ANSI
- NSF Approved
- Naturally Lead Free



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
591-030	3"	1	2	7.53	13.94
591-040	4"	1	1	13.42	12.58
591-060	6"	1	1	36.11	32.11
591-080	8"	1	1	-	49.55
591-100	10"	1	1	-	93.18

592 Series - PVC SCH-80 True Union Diaphragm Valve ANSI



Features:

- Socket or Threaded
- Pressure rating 150 psi at 73F
- EPDM (Available PTFE)
- ANSI
- NSF Approved
- Naturally Lead Free
- Corrosion Resistance



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
592-005	1/2"	1	12	0.7	7.68
592-007	3/4"	1	12	0.7	7.44
592-010	1"	1	12	1.12	12.48
592-012	1-1/4"	1	6	2	11.28
592-015	1-1/2"	1	6	1.96	10.92
592-020	2"	1	6	3.02	17.04

593 Series - PP Btfly. Valve Gear Operator Full Flanged Type ANSI



Features:

- Full Flanged
- Pressure rating 100 psi at 73F
- EPDM
- PVC (Optional PP, CPVC, PPG, PVDF)
- ANSI
- NSF Approved
- Naturally Lead Free
- Corrosion Resistance

Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
593-080	8"	1	1	-	13.85
593-100	10"	1	1	-	17.71
593-120	12"	1	1	-	37.2
593-140	14"	1	1	-	44.22
593-160	16"	1	1	-	79.93
593-180	18"	1	1	-	89.31
593-200	20"	1	1	-	111.96
593-240	24"	1	1	-	116

595 Series - PVC SCH-80 Check Valve Horizontal Type ANSI



Features:

- Flanged
- Pressure rating 100 psi at 73F
- PVC (PP, CPVC, PPG, PVDF Optional)
- ANSI
- NSF Approved
- Naturally Lead Free
- Corrosion Resistance



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
595-010	1"	1	1	1.93	1.75
595-020	2"	1	4	3.86	14.16
595-025	2-1/2"	1	2	5.53	10.3
595-030	3"	1	2	6	11.24
595-040	4"	1	2	10.1	18.96
595-060	6"	1	1	21.32	20.4
595-080	8"	1	1	33.25	31.99

596 Series - PVC SCH-80 Y-Type Automatic Diaphragm Valve ANSI



Features:

- Socket or Threaded
- Pressure rating 150 psi at 73F
- EPDM
- ANSI
- NSF Approved
- Naturally Lead Free



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
596-003	3/8"	1	-	-	-
596-005	1/2"	1	-	-	-
596-007	3/4"	1	-	-	-
596-010	1"	1	-	-	-
596-012	1-1/4"	1	-	-	-
596-015	1-1/2"	1	8	-	8.4
596-020	2"	1	8	-	8.96



Southern
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S C H . 4 0 P V C P R O D U C T S

400 Series - PVC S x S Ball Valve


Features:

- Socket
- EPDM Seal and O-ring. Tee Handle.
- Working Pressure 150 PSI at 73F
- Testing Pressure at 225 PSI at 73F
- ANSI

Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
400-005S	1/2"	25	100	4.50	18.00
400-007S	3/4"	25	100	7.25	29.00
400-010S	1"	25	100	12.25	49.00
400-012S	1-1/4"	25	100	16.75	67.00
400-015S	1-1/2"	24	48	22.08	44.16
400-020S	2"	12	24	16.92	33.84
400-025S	2-1/2"	1	15	2.86	42.90
400-030S	3"	1	10	3.33	33.30
400-040S	4"	1	6	9.46	56.76
400-050S	5"	-	-	-	-
400-060S	6"	1	1	20.90	20.90

401 Series - PVC Threaded Ball Valve


Features:

- Threaded
- EPDM Seal and O-ring. Tee Handle.
- Working Pressure 150 PSI at 73F
- Testing Pressure at 225 PSI at 73F
- ANSI

Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
401-005T	1/2"	25	100	4.50	18.00
401-007T	3/4"	25	100	7.25	29.00
401-010T	1"	25	100	12.25	49.00
401-012T	1-1/4"	25	100	16.75	67.00
401-015T	1-1/2"	24	48	22.08	44.16
401-020T	2"	12	24	16.92	33.84
401-025T	2-1/2"	1	15	2.86	42.90
401-030T	3"	1	10	3.33	33.30
401-040T	4"	1	6	9.46	56.76

405 Series - PVC Wafer Style Butterfly Valve



Features:

- EPDM Liner
- Max water pressure 150 psi
- Temp range 40F to 140F

Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
405-020	2"	-	-	-	-
405-025	2-1/2"	-	-	-	-
405-030	3"	-	-	-	-
405-040	4"	-	-	-	-
405-050	5"	-	-	-	-
405-060	6"	-	-	-	-
405-080	8"	-	-	-	-
405-100	10"	-	-	-	-

410 Series - PVC Compression Coupling



Features:

- EPDM Rubber
- Max pressure 150 psi @ 73F
- Max. Temp. 140F

Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
410-005PV	1/2"	-	-	-	-
410-007PV	3/4"	-	-	-	-
410-010PV	1"	-	-	-	-
410-012PV	1-1/4"	-	-	-	-
410-015PV	1-1/2"	-	-	-	-
410-020PV	2"	-	-	-	-
410-025PV	2-1/2"	-	-	-	-
410-030PV	3"	-	-	-	-
410-040PV	4"	-	-	-	-

560 Series - PVC SCH-40 Compact Ball Valve NSF



Features:

- Socket
- Stem O-Ring EPDM
- Working Pressure 150 PSI at 73F
- ANSI
- NSF Approved



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
560-005	1/2"	-	-	-	-
560-007	3/4"	-	-	-	-
560-010	1"	-	-	-	-
560-012	1-1/4"	-	-	-	-
560-015	1-1/2"	-	-	-	-
560-020	2"	-	-	-	-
560-025	2-1/2"	-	-	-	-
560-030	3"	-	-	-	-
560-040	4"	-	-	-	-

561 Series - PVC SCH-40 Compact Ball Valve NSF



Features:

- Threaded
- Stem O-Ring EPDM
- Working Pressure 150 PSI at 73F
- ANSI
- NSF Approved



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
561-005	1/2"	-	-	-	-
561-007	3/4"	-	-	-	-
561-010	1"	-	-	-	-
561-012	1-1/4"	-	-	-	-
561-015	1-1/2"	-	-	-	-
561-020	2"	-	-	-	-
561-025	2-1/2"	-	-	-	-
561-030	3"	-	-	-	-
561-040	4"	-	-	-	-

562 Series - CPVC-CTS Ball Valve NSF Listed Lead Free



Features:

- Sizes: 1/2" - 2"
- Pressure Rating: 150 PSI
- Low Torque
- ASTM D-2467
- Seat: PTFE
- Cooper Tube Size
- Stem O'Ring: EPDM
- Handle: ABS
- Seat: PTFE



Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
562-005	1/2"	-	200	-	24.00
562-007	3/4"	-	120	-	141.60
562-010	1"	-	90	-	155.76
562-015	1-1/2"	-	40	-	128.00
562-020	2"	-	30	-	159.00

420 Series - PVC Union



Features:

- Socket
- Max Pressure 150 PSI at 73F
- Max. Temp 140F
- ANSI

Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
420-005PS	1/2"	25	400	2.86	45.76
420-007PS	3/4"	12	300	2.09	52.14
420-010PS	1"	10	200	2.57	51.48
420-012PS	1-1/4"	6	96	2.73	43.71
420-015PS	1-1/2"	6	72	3.89	46.73
420-020PS	2"	8	32	5.23	20.90
420-025PS	2-1/2"	2	14	4.22	29.52
420-030PS	3"	1	9	2.55	22.94
420-040PS	4"	1	5	5.02	25.12

425 Series - PVC Vanstone Flange


Features:

- Flanged
- Max Pressure 150 PSI at 73F
- Max. Temp 120F
- ANSI

Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
425-020	2"	1	60	0.86	51.35
425-025	2-1/2"	1	-	-	-
425-030	3"	1	30	1.91	57.44
425-040	4"	1	20	2.73	54.56
425-060	6"	1	10	4.46	44.55
425-080	8"	1	4	6.42	25.67
425-100	10"	1	2	11.11	22.22
425-120	12"	1	2	15.62	31.24

450 Series - PVC S x S Spring Check Valve


Features:

- Socket
- Max Pressure 150 PSI at 73F
- Max. Temp 120F
- ANSI

Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
450-005	1/2"	1	120	0.20	24.29
450-007	3/4"	1	120	0.23	27.19
450-010	1"	1	64	0.40	25.48
450-012	1-1/4"	1	48	0.70	33.37
450-015	1-1/2"	1	32	0.80	25.74
450-020	2"	1	16	1.41	22.62

451 Series - PVC Threaded Spring Check Valve


Features:

- Threaded
- Max Pressure 150 PSI at 73F
- Max. Temp 120F
- ANSI

Item	Size	Inner Case	Master Case	Weight Per	
				Inner Case (lbs)	Master Case (lbs)
451-005	1/2"	1	120	0.20	24.29
451-007	3/4"	1	120	0.23	27.19
451-010	1"	1	64	0.40	25.48
451-012	1-1/4"	1	48	0.70	33.37
451-015	1-1/2"	1	32	0.80	25.74
451-020	2"	1	16	1.41	22.62



Southern
Valve & Fitting USA, Inc.



GALVANIZED MALLEABLE IRON FITTINGS

Galvanized Malleable Iron Fittings



Features:

- Stocked in most figures from 1/8" to 6"
- Galvanized finish for water, air and steam installations
- Available for servicing 150 psi applications
- Hot dip galvanizing process according to ASTM A-153 standard
- Galvanized Products meet California Lead Plumbing Law Specifications
- Threaded ends meeting with ANSI/ASME B1.20.1 standard
- Material meeting with ASTM A-197 standard
- Dimensions meet the following: – Threaded Fittings – with ASME B16.3 standard – Unions – with ASME B16.39 standard – Bushing Reducer and Plugs – with ASME B16.14 standard

Galv. 90 Elbow

Item	Size	Connection Type	Inner Case	Master Case	Weight Per	
					Inner Case (lbs)	Master Case (lbs)
100-001	1/8"	FxF	50	600	3.5	42
100-002	1/4"	FxF	35	420	3.5	42
100-003	3/8"	FxF	45	270	7.2	43.2
100-005	1/2"	FxF	50	200	12	48
100-007	3/4"	FxF	35	105	13.3	39.9
100-010	1"	FxF	20	60	12.4	37.2
100-012	1-1/4"	FxF	20	40	17.6	35.2
100-015	1-1/2"	FxF	15	30	18	36
100-020	2"	FxF	8	32	14.9	59.5
100-025	2-1/2"	FxF	-	13	-	43.2
100-030	3"	FxF	-	7	-	36.8
100-040	4"	FxF	3	6	26.3	52.7
100-060	6"	FxF	-	2	-	39.3

Galv. 90 Reducing Elbow

Item	Size	Connection Type	Inner Case	Master Case	Weight Per	
					Inner Case (lbs)	Master Case (lbs)
110-003002	3/8" x 1/4"	FxF	60	360	8.4	50.4
110-005002	1/2" x 1/4"	FxF	40	240	7.2	43.2
110-005003	1/2" x 3/8"	FxF	50	200	10	40
110-007001	3/4" x 3/8"	FxF	50	150	13.5	40.5
110-007002	3/4" x 1/4"	FxF	50	150	12	36
110-007005	3/4" x 1/2"	FxF	40	120	13.2	39.6
110-010003	1" x 3/8"	FxF	25	150	9.7	58.1
110-010005	1" x 1/2"	FxF	30	90	13.5	40.5
110-010007	1" x 3/4"	FxF	25	75	12.8	38.3
110-012005	1-1/4" x 1/2"	FxF	35	70	17.5	35
110-012007	1-1/4" x 3/4"	FxF	30	60	19.2	38.4
110-012010	1-1/4" x 1"	FxF	20	40	16.4	32.8
110-015005	1-1/2" x 1/2"	FxF	25	50	17	34
110-015007	1-1/2" x 3/4"	FxF	15	45	12.4	37.2
110-015010	1-1/2" x 1"	FxF	-	-	-	-
110-015012	1-1/2" x 1-1/4"	FxF	15	60	16.2	64.8
110-020005	2" x 1/2"	FxF	15	60	24.6	98.4
110-020007	2" x 3/4"	FxF	15	30	18.2	36.3
110-020010	2" x 1"	FxF	14	28	17.6	35.3
110-020012	2" x 1-1/4"	FxF	10	40	14.3	57.2
110-020015	2" x 1-1/2"	FxF	10	40	15.4	61.6
110-025012	2-1/2" x 1-1/4"	FxF	-	15	-	33.3
110-025015	2-1/2" x 1-1/2"	FxF	-	15	-	36.2
110-025020	2-1/2" x 2"	FxF	5	15	13.3	39.8
110-030015	3" x 1-1/2"	FxF	10	20	30.9	61.8
110-030020	3" x 2"	FxF	-	10	-	34.8
110-030025	3" x 2-1/2"	FxF	-	8	-	22.2
110-040015	4" x 1-1/2"	FxF	-	-	-	-
110-040020	4" x 2"	FxF	-	6	-	33.7
110-040025	4" x 2-1/2"	FxF	4	8	23.8	47.6
110-040030	4" x 3"	FxF	3	9	21.6	64.9

Galv. 45 Elbow

Item	Size	Connection Type	Inner Case	Master Case	Weight Per	
					Inner Case (lbs)	Master Case (lbs)
120-001	1/8"	FxF	50	600	3.5	42
120-002	1/4"	FxF	35	420	3.5	42
120-003	3/8"	FxF	50	300	7.5	45
120-005	1/2"	FxF	50	200	10.5	42
120-007	3/4"	FxF	40	120	13.2	39.6
120-010	1"	FxF	20	60	11	33
120-012	1-1/4"	FxF	20	80	15.8	63.2
120-015	1-1/2"	FxF	15	60	15.6	62.4
120-020	2"	FxF	9	36	15.3	61.2
120-025	2-1/2"	FxF	12	24	32	64.1
120-030	3"	FxF	5	15	21.3	63.9
120-040	4"	FxF	3	6	21.2	42.3
120-060	6"	FxF	-	-	-	-

Galv. 90 Street Elbow

Item	Size	Connection Type	Inner Case	Master Case	Weight Per	
					Inner Case (lbs)	Master Case (lbs)
130-001	1/8"	MxF	50	600	3	36
130-002	1/4"	MxF	35	420	3.2	37.8
130-003	3/8"	MxF	40	240	5.6	33.6
130-005	1/2"	MxF	60	180	13.8	41.4
130-007	3/4"	MxF	35	105	12.6	37.8
130-010	1"	MxF	30	60	17.4	34.8
130-012	1-1/4"	MxF	18	72	15.1	60.5
130-015	1-1/2"	MxF	18	54	21.1	63.2
130-020	2"	MxF	10	30	17.2	51.6
130-025	2-1/2"	MxF	6	18	19	56.9
130-030	3"	MxF	-	7	-	36.8
130-040	4"	MxF	2	6	18.3	55

Galv. 45 Street Elbow

Item	Size	Connection Type	Inner Case	Master Case	Weight Per	
					Inner Case (lbs)	Master Case (lbs)
140-001	1/8"	MxF	50	1200	2.5	60
140-002	1/4"	MxF	35	420	2.8	33.6
140-003	3/8"	MxF	50	300	5.5	33
140-005	1/2"	MxF	40	240	6.8	40.8
140-007	3/4"	MxF	60	120	18	36
140-010	1"	MxF	25	75	12.5	37.5
140-012	1-1/4"	MxF	20	80	13.6	54.4
140-015	1-1/2"	MxF	15	60	14	55.8
140-020	2"	MxF	9	36	13.5	54

Galv. Side Outlet 90 Elbow

Item	Size	Connection Type	Inner Case	Master Case	Weight Per	
					Inner Case (lbs)	Master Case (lbs)
142-005	1/2"	-	45	135	14.4	43.2
142-007	3/4"	-	40	80	19.2	38.4
142-010	1"	-	20	80	13.8	55.2
142-012	1-1/4"	-	15	45	17	50.9
142-015	1-1/2"	-	-	-	-	-
142-020	2"	-	12	24	18	36

Galv. Tee

Item	Size	Connection Type	Inner Case	Master Case	Weight Per	
					Inner Case (lbs)	Master Case (lbs)
150-001	1/8"	FxF	75	450	6.8	40.5
150-002	1/4"	FxF	50	300	7.5	45
150-003	3/8"	FxF	45	180	9.9	39.6
150-005	1/2"	FxF	40	120	13.6	40.8
150-007	3/4"	FxF	35	70	19.6	39.2
150-010	1"	FxF	20	40	17.2	34.4
150-012	1-1/4"	FxF	14	28	18.1	36.1
150-015	1-1/2"	FxF	-	23	-	38.4
150-020	2"	FxF	5	15	13.2	39.5
150-025	2-1/2"	FxF	-	9	-	37.2
150-030	3"	FxF	-	6	-	41.1
150-040	4"	FxF	-	3	-	35.8
150-060	6"	FxF	-	2	-	51.7

Galv. Street Tee

Item	Size	Connection Type	Inner Case	Master Case	Weight Per	
					Inner Case (lbs)	Master Case (lbs)
152-005	1/2"	MxF	40	240	6.8	40.8
152-007	3/4"	MxF	60	120	18	36
152-010	1"	MxF	25	75	12.5	37.5
152-012	1-1/4"	MxF	20	80	13.6	54.4
152-015	1-1/2"	MxF	15	60	14	55.8
152-020	2"	MxF	9	36	13.5	54

Galv S/O Tee

Item	Size	Connection Type	Inner Case	Master Case	Weight Per	
					Inner Case (lbs)	Master Case (lbs)
154-005	1/2"	-	-	-	-	-
154-007	3/4"	-	-	-	-	-
154-010	1"	-	-	-	-	-

Galv. Reducing Tee

Item	Size	Connection Type	Inner Case	Master Case	Weight Per	
					Inner Case (lbs)	Master Case (lbs)
155-002001	1/4" x 1/8"	FxFxF	50	300	6	36
155-003001	3/8" x 1/8"	FxFxF	60	240	9.6	38.4
155-003002	3/8" x 1/4"	FxFxF	60	240	13.2	52.8
155-005001	1/2" x 1/8"	FxFxF	60	180	14.4	43.2
155-005002	1/2" x 1/4"	FxFxF	50	150	12.5	37.5
155-005003	1/2" x 3/8"	FxFxF	45	135	12.6	37.8
155-007001	3/4" x 1/8"	FxFxF	-	-	-	-
155-007002	3/4" x 1/4"	FxFxF	50	100	18.5	37
155-007003	3/4" x 3/8"	FxFxF	45	90	18	36
155-007005	3/4" x 1/2"	FxFxF	45	90	21.2	42.3
155-007005005	3/4" x 1/2" x 1/2"	FxFxF	45	90	18.5	36.9
155-007005007	3/4" x 1/2" x 3/4"	FxFxF	45	90	21.6	43.2
155-010002	1" x 1/4"	FxFxF	25	100	14.3	57
155-010005	1" x 1/2"	FxFxF	20	60	13.6	40.8
155-010005005	1" x 1/2" x 1/2"	FxFxF	20	120	10.4	62.4
155-010005007	1" x 1/2" x 3/4"	FxFxF	25	100	14.3	57
155-010005010	1" x 1/2" x 1"	FxFxF	20	60	14.2	42.6
155-010007	1" x 3/4"	FxFxF	25	50	18.8	37.5
155-010007005	1" x 3/4" x 1/2"	FxFxF	25	100	14.5	58
155-010007007	1" x 3/4" x 3/4"	FxFxF	25	50	16.5	33
155-010007010	1" x 3/4" x 1"	FxFxF	25	50	19.3	38.5
155-012005	1-1/4" x 1/2"	FxFxF	16	64	14.1	56.3
155-012007	1-1/4" x 3/4"	FxFxF	18	36	17.8	35.6
155-012007007	1-1/4" x 3/4" x 3/4"	FxFxF	18	72	14.2	56.9
155-012007010	1-1/4" x 3/4" x 1"	FxFxF	16	64	14.9	59.5
155-012007012	1-1/4" x 3/4" x 1-1/4"	FxFxF	16	32	17	33.9
155-012010	1-1/4" x 1"	FxFxF	18	36	17.5	34.9
155-012010007	1-1/4" x 1" x 3/4"	FxFxF	18	72	15.5	61.9
155-012010010	1-1/4" x 1" x 1"	FxFxF	18	36	17.5	34.9
155-012010012	1-1/4" x 1" x 1-1/4"	FxFxF	15	30	17.4	34.8
155-015005	1-1/2" x 1/2"	FxFxF	18	36	20.2	40.3
155-015005005	1-1/2" x 1/2" x 1/2"	FxFxF	-	-	-	-
155-015005015	1-1/2" x 1/2" x 1-1/2"	FxFxF	18	36	22.9	45.7
155-015007	1-1/2" x 3/4"	FxFxF	15	30	18.9	37.8
155-015007007	1-1/2" x 3/4" x 3/4"	FxFxF	15	60	14.3	57
155-015007015	1-1/2" x 3/4" x 1-1/2"	FxFxF	15	30	20.3	40.5
155-015010	1-1/2" x 1"	FxFxF	13	26	17.8	35.6
155-015010007	1-1/2" x 1" x 3/4"	FxFxF	13	52	16.3	65
155-015010010	1-1/2" x 1" x 1"	FxFxF	13	52	14.3	57.2
155-015010015	1-1/2" x 1" x 1-1/2"	FxFxF	13	26	18.2	36.4
155-015012	1-1/2" x 1-1/4"	FxFxF	-	23	-	36.1
155-015012012	1-1/2" x 2" x 1-1/4" x 1-1/4"	FxFxF	11	44	15.4	61.6
155-015012015	1-1/2" x 1-1/4" x 1-1/2"	FxFxF	11	44	16	63.8
155-020005	2" x 1/2"	FxFxF	10	40	16.1	64.4
155-020005020	2" x 1/2" x 2"	FxFxF	8	32	15.4	61.8
155-020007	2" x 3/4"	FxFxF	9	36	16.1	64.4
155-020007020	2" x 3/4" x 2"	FxFxF	8	32	15.9	63.7
155-020010	2" x 1"	FxFxF	9	18	17.4	34.7
155-020010020	2" x 1" x 2"	FxFxF	10	20	21.1	42.2
155-020012	2" x 1-1/4"	FxFxF	8	16	16.9	33.9
155-020012012	2" x 1-1/4" x 1-1/4"	FxFxF	8	32	13.7	54.7

Galv. Reducing Tee

Item	Size	Connection Type	Inner Case	Master Case	Weight Per	
					Inner Case (lbs)	Master Case (lbs)
155-020012020	2" x 1-1/4" x 2"	FxFxF	8	16	18.2	36.3
155-020015	2" x 1-1/2"	FxFxF	8	16	18.1	36.2
155-020015005	2" x 1-1/2" x 1/2"	FxFxF	-	-	-	-
155-020015015	2" x 1-1/2" x 1-1/2"	FxFxF	8	16	16.3	32.6
155-020015020	2" x 1-1/2" x 2"	FxFxF	8	16	17.4	34.9
155-025005	2-1/2" x 1/2"	FxFxF	10	20	24.1	48.2
155-025007	2-1/2" x 3/4"	FxFxF	10	20	28.2	56.4
155-025010	2-1/2" x 1"	FxFxF	9	18	28.1	56.2
155-025010010	2-1/2" x 1" x 1"	FxFxF	-	-	-	-
155-025012	2-1/2" x 1-1/4"	FxFxF	9	18	27.5	54.9
155-025015	2-1/2" x 1-1/2"	FxFxF	9	18	27.5	55.1
155-025020	2-1/2" x 2"	FxFxF	-	10	-	34.7
155-030010	3" x 1"	FxFxF	6	12	24.2	48.4
155-030012	3" x 1-1/4"	FxFxF	6	12	26.1	52.2
155-030015	3" x 1-1/2"	FxFxF	6	12	29.3	58.7
155-030020	3" x 2"	FxFxF	6	12	30.1	60.2
155-030025	3" x 2-1/2"	FxFxF	-	6	-	34.9
155-040010	4" x 1"	FxFxF	4	8	24.9	49.8
155-040012	4" x 1-1/4"	FxFxF	4	8	27.5	55
155-040020	4" x 2"	FxFxF	-	-	-	-
155-040025	4" x 2-1/2"	FxFxF	3	6	27.1	54.2
155-040030	4" x 3"	FxFxF	-	6	-	58.1

Galv. Bull Head Tee

Item	Size	Connection Type	Inner Case	Master Case	Weight Per	
					Inner Case (lbs)	Master Case (lbs)
160-003007	3/8" x 3/4"	FxF	-	-	-	-
160-005007	1/2" x 3/4"	FxF	45	90	18	36
160-005010	1/2" x 1"	FxF	30	120	15	59.9
160-007010	3/4" x 1"	FxF	25	50	16.5	33
160-007012	3/4" x 1-1/4"	FxF	18	72	11.9	47.5
160-010015	1" x 1-1/2"	FxF	13	52	14.3	57.2
160-010020	1" x 2"	FxF	9	36	14.9	59.5
160-015012020	1-1/2" x 1-1/4" x 2"	FxF	-	-	-	-
160-015020	1-1/2" x 1-1/2" x 2"	FxF	8	32	15.4	61.8
160-015020020	1-1/2" x 2"	FxF	-	-	-	-
160-015020025	2-1/2" x 2" x 2-1/2"	FxF	-	-	-	-

Galv. Coupling

Item	Size	Connection Type	Inner Case	Master Case	Weight Per	
					Inner Case (lbs)	Master Case (lbs)
170-001	1/8"	FxF	60	720	3.6	43.2
170-002	1/4"	FxF	40	480	3.2	38.4
170-003	3/8"	FxF	50	300	6	36
170-005	1/2"	FxF	60	240	10.8	43.2
170-007	3/4"	FxF	50	150	14.5	43.5
170-010	1"	FxF	25	75	11.5	34.5
170-012	1-1/4"	FxF	32	64	21.1	42.2
170-015	1-1/2"	FxF	18	72	16	64.1
170-020	2"	FxF	12	24	16.9	33.8
170-025	2-1/2"	FxF	-	16	-	40.5
170-030	3"	FxF	-	12	-	43.2
170-040	4"	FxF	-	7	-	42.7
170-060	6"	FxF	2	4	23.3	46.7

Galv. Reducing Coupling

Item	Size	Connection Type	Inner Case	Master Case	Weight Per	
					Inner Case (lbs)	Master Case (lbs)
171-002001	1/4" x 1/8"	FxF	25	600	2	48
171-003001	3/8" x 1/8"	FxF	30	360	3	36
171-003002	3/8" x 1/4"	FxF	30	360	3.3	39.6
171-005001	1/2" x 1/8"	FxF	50	300	6.5	39
171-005002	1/2" x 1/4"	FxF	50	300	7	42
171-005003	1/2" x 3/8"	FxF	40	240	6.4	38.4
171-007001	3/4" x 1/8"	FxF	35	210	7	42
171-007002	3/4" x 1/4"	FxF	30	180	6.3	37.8
171-007003	3/4" x 3/8"	FxF	30	180	10.2	61.2
171-007005	3/4" x 1/2"	FxF	60	180	15	45
171-010002	1" x 1/4"	FxF	25	200	8	64
171-010003	1" x 3/8"	FxF	40	120	13.6	40.8
171-010005	1" x 1/2"	FxF	30	120	11.1	44.4
171-010007	1" x 3/4"	FxF	30	120	12.9	51.6
171-012005	1-1/4" x 1/2"	FxF	25	75	12.5	37.5
171-012007	1-1/4" x 3/4"	FxF	25	75	14	42
171-012010	1-1/4" x 1"	FxF	25	75	15.5	46.5
171-015005	1-1/2" x 1/2"	FxF	20	60	13.2	39.6
171-015007	1-1/2" x 3/4"	FxF	30	60	20.4	40.8
171-015010	1-1/2" x 1"	FxF	30	60	23.4	46.8
171-015012	1-1/2" x 1-1/4"	FxF	25	50	21.8	43.5
171-020005	2" x 1/2"	FxF	21	42	22.1	44.1
171-020007	2" x 3/4"	FxF	21	42	22.3	44.5
171-020010	2" x 1"	FxF	14	28	16.5	33
171-020012	2" x 1-1/4"	FxF	14	28	17.4	34.7
171-020015	2" x 1-1/2"	FxF	14	28	17.6	35.3
171-025005	2-1/2" x 1/2"	FxF	-	-	-	-
171-025007	2-1/2" x 3/4"	FxF	-	20	-	32.8
171-025010	2-1/2" x 1"	FxF	16	32	27.7	55.4
171-025012	2-1/2" x 1-1/4"	FxF	16	32	28.2	56.3
171-025015	2-1/2" x 1-1/2"	FxF	16	32	31.4	62.7
171-025020	2-1/2" x 2"	FxF	16	32	30.7	61.4
171-030005	3" x 1/2"	FxF	-	-	-	-
171-030007	3" x 3/4"	FxF	-	-	-	-
171-030010	3" x 1"	FxF	12	24	29.5	59
171-030012	3" x 1-1/4"	FxF	12	24	30	60
171-030015	3" x 1-1/2"	FxF	12	24	31.7	63.4
171-030020	3" x 2"	FxF	7	14	19.8	39.6
171-030025	3" x 2-1/2"	FxF	-	12	-	38.6
171-040012	4" x 1-1/4"	FxF	-	9	-	37.9
171-040015	4" x 1-1/2"	FxF	-	9	-	36.7
171-040020	4" x 2"	FxF	0	9	0	39.9
171-040025	4" x 2-1/2"	FxF	-	9	-	43.8
171-040030	4" x 3"	FxF	-	7	-	37.6
171-040035	4" x 3-1/2"	FxF	-	-	-	-
171-060030	6" x 3"	FxF	-	4	-	35.8
171-060040	6" x 4"	FxF	-	4	-	35.8

Galv. Merchant Coupling

Item	Size	Connection Type	Inner Case	Master Case	Weight Per	
					Inner Case (lbs)	Master Case (lbs)
180-001	1/8"	FxF	60	720	1.8	21.6
180-002	1/4"	FxF	60	720	4.2	50.4
180-003	3/8"	FxF	50	600	4.5	54
180-005	1/2"	FxF	40	480	7.8	94.1
180-007	3/4"	FxF	50	300	13.3	79.5
180-010	1"	FxF	25	150	7.9	47.1
180-012	1-1/4"	FxF	16	128	7.4	59.5
180-015	1-1/2"	FxF	18	72	10.2	40.8
180-020	2"	FxF	12	48	9.3	37.1
180-025	2-1/2"	FxF	-	16	-	39.9
180-030	3"	FxF	-	12	-	41
180-040	4"	FxF	-	7	-	31.2
180-050	6"	FxF	-	-	-	-
180-060	6"	FxF	-	-	-	-

Galv. Bushing

Item	Size	Connection Type	Inner Case	Master Case	Weight Per	
					Inner Case (lbs)	Master Case (lbs)
200-002001	1/4" x 1/8"	MxF	100	1200	3.4	40.8
200-003001	3/8" x 1/8"	MxF	75	900	3	36
200-003002	3/8" x 1/4"	MxF	75	900	3	36
200-005001	1/2" x 1/8"	MxF	150	600	13.5	54
200-005002	1/2" x 1/4"	MxF	100	600	8	48
200-005003	1/2" x 3/8"	MxF	100	600	7	42
200-007001	3/4" x 1/8"	MxF	50	300	7	42
200-007002	3/4" x 1/4"	MxF	50	300	8	48
200-007003	3/4" x 3/8"	MxF	50	300	7	42
200-007005	3/4" x 1/2"	MxF	50	300	6	36
200-010001	1" x 1/8"	MxF	-	-	-	-
200-010002	1" x 1/4"	MxF	50	200	9.5	38
200-010003	1" x 3/8"	MxF	50	200	12.5	50
200-010005	1" x 1/2"	MxF	50	200	11.5	46
200-010007	1" x 3/4"	MxF	50	200	9	36
200-012001	1-1/4" x 1/8"	MxF	-	-	-	-
200-012002	1-1/4" x 1/4"	MxF	30	240	8.1	64.8
200-012003	1-1/4" x 3/8"	MxF	30	240	7.8	62.4
200-012005	1-1/4" x 1/2"	MxF	30	120	13.2	52.8
200-012007	1-1/4" x 3/4"	MxF	30	120	24.9	99.6
200-012010	1-1/4" x 1"	MxF	30	120	9	36
200-015001	1-1/2" x 1/8"	MxF	-	-	-	-
200-015002	1-1/2" x 1/4"	MxF	25	150	9.5	57
200-015003	1-1/2" x 3/8"	MxF	25	150	9.8	58.5
200-015005	1-1/2" x 1/2"	MxF	25	75	15.3	45.8
200-015007	1-1/2" x 3/4"	MxF	25	75	13.3	39.8
200-015010	1-1/2" x 1"	MxF	25	75	13.3	39.8
200-015012	1-1/2" x 1-1/4"	MxF	25	150	7.8	46.5
200-020001	2" x 1/8"	MxF	-	-	-	-
200-020002	2" x 1/4"	MxF	-	-	-	-
200-020003	2" x 3/8"	MxF	20	60	12	36
200-020005	2" x 1/2"	MxF	20	60	16.8	50.4
200-020007	2" x 3/4"	MxF	20	60	19.4	58.2
200-020010	2" x 1"	MxF	20	60	19.6	58.8
200-020012	2" x 1-1/4"	MxF	20	60	15.8	47.4
200-020015	2" x 1-1/2"	MxF	20	60	13.2	39.6
200-025003	2-1/2" x 3/8"	MxF	-	-	-	-
200-025005	2-1/2" x 1/2"	MxF	30	60	27.6	55.2
200-025007	2-1/2" x 3/4"	MxF	24	48	19	37.9
200-025010	2-1/2" x 1"	MxF	24	48	21.6	43.2
200-025012	2-1/2" x 1-1/4"	MxF	24	48	24.2	48.5
200-025015	2-1/2" x 1-1/2"	MxF	-	28	-	30.8
200-025020	2-1/2" x 2"	MxF	24	48	23.8	47.5
200-030002	3" x 1/4"	MxF	-	-	-	-
200-030005	3" x 1/2"	MxF	24	48	34.8	69.6
200-030007	3" x 3/4"	MxF	-	24	-	33.1
200-030010	3" x 1"	MxF	16	32	20.3	40.6
200-030012	3" x 1-1/4"	MxF	16	32	22.9	45.8
200-030015	3" x 1-1/2"	MxF	16	32	24	48
200-030020	3" x 2"	MxF	-	16	-	37.3
200-030025	3" x 2-1/2"	MxF	16	32	24.8	49.6
200-035002	3-1/2" x 1/4"	MxF	-	-	-	-

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Galv. Bushing

Item	Size	Connection Type	Inner Case	Master Case	Weight Per	
					Inner Case (lbs)	Master Case (lbs)
200-035005	3-1/2" x 1/2"	MxF	-	-	-	-
200-035007	3-1/2" x 3/4"	MxF	-	-	-	-
200-035010	3-1/2" x 1"	MxF	-	-	-	-
200-035012	3-1/2" x 1-1/4"	MxF	-	-	-	-
200-035015	3-1/2" x 1-1/2"	MxF	-	-	-	-
200-035020	3-1/2" x 2"	MxF	-	-	-	-
200-035025	3-1/2" x 2-1/2"	MxF	-	-	-	-
200-035030B	3-1/2" x 3"	MxF	-	-	-	-
200-040005	4" x 1/2"	MxF	-	-	-	-
200-040007	4" x 3/4"	MxF	10	20	23.4	46.8
200-040010	4" x 1"	MxF	10	20	23.8	47.6
200-040012	4" x 1-1/4"	MxF	10	20	21.8	43.6
200-040015	4" x 1-1/2"	MxF	10	20	22.1	44.2
200-040020	4" x 2"	MxF	10	20	27	54
200-040025	4" x 2-1/2"	MxF	-	10	-	43
200-040030	4" x 3"	MxF	-	10	-	33.1
200-040035	4" x 3-1/2"	MxF	-	-	-	-
200-050020	5" x 2"	MxF	-	-	-	-
200-060010	6" x 1"	MxF	-	-	-	-
200-060012	6" x 1-1/4"	MxF	-	-	-	-
200-060020	6" x 2"	MxF	-	10	-	62.9
200-060025	6" x 2-1/2"	MxF	-	-	-	-
200-060030	6" x 3"	MxF	-	10	-	65.2
200-060040	6" x 4"	MxF	-	10	-	69.6
200-060050B	6" x 5"	MxF	-	-	-	-

Galv. Cap

Item	Size	Connection Type	Inner Case	Master Case	Weight Per	
					Inner Case (lbs)	Master Case (lbs)
210-001	1/8"	FIP	100	1200	3	36
210-002	1/4"	FIP	75	900	4.5	54
210-003	3/8"	FIP	60	720	4.8	57.6
210-005	1/2"	FIP	75	450	9	54
210-007	3/4"	FIP	40	240	8	48
210-010	1"	FIP	35	140	10.9	43.4
210-012	1-1/4"	FIP	25	100	11.5	46
210-015	1-1/2"	FIP	25	75	14.5	43.5
210-020	2"	FIP	18	54	16	48.1
210-025	2-1/2"	FIP	-	24	-	35.3
210-030	3"	FIP	-	16	-	35.5
210-040	4"	FIP	-	10	-	37.9
210-060	6"	FIP	-	5	-	41

Galv. Plug

Item	Size	Connection Type	Inner Case	Master Case	Weight Per	
					Inner Case (lbs)	Master Case (lbs)
220-001	1/8"	MIP	225	2700	4.5	54
220-002	1/4"	MIP	150	1800	4.5	54
220-003	3/8"	MIP	100	1200	5	60
220-005	1/2"	MIP	25	600	2	48
220-007	3/4"	MIP	15	360	2	46.8
220-010	1"	MIP	20	240	4.6	55.2
220-012	1-1/4"	MIP	40	120	14.8	44.4
220-015	1-1/2"	MIP	30	90	15	45
220-020	2"	MIP	30	60	23.4	46.8
220-025	2-1/2"	MIP	-	32	-	34.2
220-030	3"	MIP	-	24	-	40.6
220-040	4"	MIP	-	16	-	41.8
220-060	6"	MIP	-	10	-	65.9

Galv. Union

Item	Size	Connection Type	Inner Case	Master Case	Weight Per	
					Inner Case (lbs)	Master Case (lbs)
230-001	1/8"	FxF	20	240	3.2	38.4
230-002	1/4"	FxF	30	180	7.2	43.2
230-003	3/8"	FxF	35	140	11.2	44.8
230-005	1/2"	FxF	25	100	11.5	46
230-007	3/4"	FxF	20	60	12	36
230-010	1"	FxF	15	45	13.7	41
230-012	1-1/4"	FxF	15	30	19.1	38.1
230-015	1-1/2"	FxF	10	20	17	34
230-020	2"	FxF	6	24	15.1	60.2
230-025	2-1/2"	FxF	8	16	31.5	63
230-030	3"	FxF	5	10	27	54
230-040	4"	FxF	3	6	28.9	57.7
230-060	6"	FxF	-	-	-	-

Galv. Floor Flange

Item	Size	Connection Type	Inner Case	Master Case	Weight Per	
					Inner Case (lbs)	Master Case (lbs)
240-005	1/2"	FxF	25	100	9.3	37
240-007	3/4"	FxF	20	80	10	40
240-010	1"	FxF	20	60	14.8	44.4
240-012	1-1/4"	FxF	15	45	14	41.9
240-015	1-1/2"	FxF	12	36	14.4	43.2
240-020	2"	FxF	8	24	13.7	41

Galv Cross

Item	Size	Connection Type	Inner Case	Master Case	Weight Per	
					Inner Case (lbs)	Master Case (lbs)
250-001	1/8"	FxF	60	360	6	36
250-002	1/4"	FxF	45	270	8.6	51.3
250-003	3/8"	FxF	45	135	11.7	35.1
250-005	1/2"	FxF	45	90	18.5	36.9
250-007	3/4"	FxF	30	60	18.9	37.8
250-010	1"	FxF	16	32	17.9	35.8
250-012	1-1/4"	FxF	9	36	13.3	53.3
250-015	1-1/2"	FxF	8	32	15.3	61.1
250-020	2"	FxF	5	20	15	59.8
250-025	2-1/2"	FxF	6	12	28.7	57.4
250-030	3"	FxF	4	8	30.8	61.7
250-040	4"	FxF	-	-	-	-
250-060	6"	FxF	-	-	-	-

Short Compression Coupling

Item	Size	Connection Type	Inner Case	Master Case	Weight Per	
					Inner Case (lbs)	Master Case (lbs)
256-005	1/2"	CompXComp	-	-	-	-
256-007	3/4"	CompXComp	-	-	-	-
256-010	1"	CompXComp	-	-	-	-
256-012	1-1/4"	CompXComp	-	-	-	-
256-015	1-1/2"	CompXComp	-	-	-	-
256-020	2"	CompXComp	-	-	-	-
256-025	2-1/2"	CompXComp	-	-	-	-
256-030	3"	CompXComp	-	-	-	-

Long Compression Coupling

Item	Size	Connection Type	Inner Case	Master Case	Weight Per	
					Inner Case (lbs)	Master Case (lbs)
257-005	1/2"	CompXComp	10	200	2.6	52
257-007	3/4"	CompXComp	10	120	3.5	42
257-010	1"	CompXComp	10	120	4.4	53
257-012	1-1/4"	CompXComp	10	80	6.1	49
257-015	1-1/2"	CompXComp	10	60	8.2	49
257-020	2"	CompXComp	5	50	5.9	59
257-025	2-1/2"	CompXComp	3	24	6	48
257-030	3"	CompXComp	3	12	8	32
257-040	4"	CompXComp	3	6	12.4	25

LIMITED WARRANTY

Following these simple instructions will make your job easier:

(a) Inspection On Delivery

- When you first get the valve, check it for possible damage in shipment, Conformance to specifications, opening direction, shortages, etc.
- Carefully unload all valves - do not drop valve - or lift valve using gearing, bypass or other appendage as a hook.
- Valve should be opened and then closed to make sure it works properly. Also check opening direction against the order instruction.
- Any problems should be reported immediately to the Trucker and noted on bill of lading, and signed by the driver on your copy.

(B) Storage

- Valves should be stored in a partially open position.
- Whenever possible, valves should be covered with waterproof covering.
- In cold climates the inside of the valve must be kept drained of any water to prevent freezing.
- When stored outside, valve stem should be in a vertical position.
- Whenever possible, valves should be covered with a water-proof covering.
- Protect all parts of the valve at all times.
- Protect rubber seat of resilient wedge valves from ozone and hydrocarbons (solvents, paints and oils, etc.).

(c) Inspection Before installation

- Check to see the valve end-joints are clean.
- The valve is not damaged.
- Open and close valve - make sure it works properly
- Keep valve closed when placing in trench.
- Inspect casting for damage. (Repair Finish Kit 4565783 is available for use on both resilient wedge and double-disc gate valves.)

(d) Installation

- Handle valve carefully.
- Prepare pipe ends in accordance with pipe manufacturers' instructions.

- Install valve as/per appropriate instructions for the specified joint (Flanged, mechanical joint, slip-on, etc.)
- Water main should be properly supported to avoid line stress on valve.
- In buried applications, make sure that the valve box does not transmit traffic loads or other stress to the valve.
- Do not use valves to force a pipeline into position.
- Do not deflect any valve/pipe joint.

(e) Testing

- Do not backfill valves before hydrostatic system test. Leave the valves exposed while the pipeline is being pressurized. Check to see that all valve joints and pressure containing bolting, including bonnet bolts, are tight.
- AWWA C-500 states that double-disc gate valves have an allowable leakage rate. This allowable leakage must be taken into consideration when hydrostatically testing the system. (This does not apply to resilient wedge valves.)
- Valves can be tested (but not operated) at two times the rated pressure of the valve.
- After testing, steps should be taken to relieve any trapped pressure in body of valves.

GENERAL NOTES

These reference materials are available and should be helpful in the installation and testing of Gate Valve products.

- AWWA C-500 (Gate Valves - 3" thru 48")
- AWWA C-509 (Resilient Seated Gate Valves 3" thru 12" Nominal Pipe Size)
- All installation, operation and maintenance instructions issued by the manufacturer of the pipe and the valves.
- Valve user guide as published by MSS.
- AWWA Recommendation for Installation, Operation and Maintenance of Gate Valves.
- AWWA C-515 Reduced Wall Gate Valves.

These industry practices have been listed to help you make a safe and acceptable installation of a gate valve.

TERMS AND CONDITIONS OF SALE

1. Original manufacturer's warranty shall be passed on to purchaser. But Southern Valve & Fitting USA, Inc. extends no other warranty. In addition, there are not implied warranties of merchantability extends furthermore. There is no implied warranty of fitness for particular usage. This limited warranty extends to the original purchaser and is not signable or transferable.
2. Defective material will be repaired or replaced, at seller's option, upon buyer returning the defective material to the seller, freight prepaid, within 90 days of purchase.
3. Buyer specifically waives its rights to hold the seller responsible or liable for the payment of any consequential or incidental changes that may result for the breach of any warranty herein. Sellers warranty shall be strictly limited to the repair or replacement of the merchandise found to be defective during the 90 day period. Warranty shall not merchandise subject to misuse, abuse, neglect, negligence, accident or cause by unauthorized replacement parts or service.
4. All merchandise shipped to the buyer shall be done so with the buyer assuming the risk of loss or damage during transit. Insurance, if desired, shall be the responsibility of the buyer.
5. In consideration of extending credit, the buyer authorizes the seller to investigate references and obtain credit reports. The buyers agrees to pay all the merchandise signed for by his employees and or Agents, until the seller is otherwise notified in writing. The buyer agrees to pay interest at the rate of 18% per annum on the past due accounts along with reasonable attorney's fees and other cost of collections incurred be the seller in collecting overdue accounts.
6. All sales are considered final. At seller's option, if consent to make returns is granted, a 15% fee for restocking will be charged against any credit given.
7. All prices are exclusive of taxes. buyer is liable for any taxes, fess or penalties levied. Buyer shall furnish seller a copy of their resale certificate.
8. Customer satisfaction is our priority, please make your claims for adjustment within 10 days. Defective merchandise will be replace or credited as applicable.

LIMITED WARRANTY

Southern Valve & Fittings USA Inc. warrants its products to be free of defects in workmanship and material under normal use and service and when used for the purposes and under the conditions for which they are intended. Obligation under this Warranty is limited to (10) years, at Company's option; to adjustment, repair or replacement of the defective product. Purchaser must immediately notify Southern Valve & Fitting USA, Inc in writing of the claimed defect. Company shall have the right to inspect said product and Purchaser shall, if requested, return the defective product to SVF Inc., with transportation prepaid. Purchaser shall assume all responsibility and expense for removal, reinstallation, and freight charges in connection with the foregoing remedy. Southern Valve & Fittings USA Inc. shall not be liable for indirect, special, incidental or consequential dam- age or penalties and does not assume any liability of Purchaser to others, or to others, for injury to persons or property.

This Warranty is in Lieu of all other Warranties, expressed or implied.