



Sanitary Stainless Steel Butterfly Valves

- Clamp connection
- Max. pressure: 145 psi

Regulate liquid flow in food, beverage, and applications that require sanitary conditions. Also called sanitary quarter-turn valves, corrosion-resistant, stainless steel valves have rotating disk mechanisms that open and close the valve.

Pneumatically-Actuated—Use air pressure to open and have built-in spring mechanisms to close.

Manually-Actuated—Feature multi-position handles that allow operators to open and close the valve to adjust liquid flow.



Manually Actuated
53CT94

Tube Size	Overall Length	Seat Material	Temp. Range	Surface Finish	Brand	Item No.
Pneumatically Actuated Sanitary, Actuator Handle						
T304 Stainless Steel Body & Disc						
1 in	2 1/2 in	Silicone	15° to 266°F	32 RA ID	Vne	56GL75
1 1/2 in	2 3/4 in	Silicone	15° to 266°F	32 RA ID	Vne	56GL76
2 in	3 in	Silicone	15° to 266°F	32 RA ID	Vne	56GL77
2 1/2 in	3 1/2 in	Silicone	15° to 266°F	32 RA ID	Vne	56GL78
3 in	3 3/4 in	Silicone	15° to 266°F	32 RA ID	Vne	56GL79
4 in	4 1/2 in	Silicone	15° to 266°F	32 RA ID	Vne	56GL80
Manually Actuated Sanitary, Trigger Handle						
T304 Stainless Steel Body & Disc						
1 in	2 1/2 in	Silicone	15° to 266°F	20 RA ID	—	53CT94
1 1/2 in	2 3/4 in	Silicone	15° to 266°F	20 RA ID	—	53CT95
2 in	3 in	Silicone	15° to 266°F	20 RA ID	—	53CT96
2 1/2 in	3 1/2 in	Silicone	15° to 266°F	20 RA ID	—	53CT97
3 in	3 3/4 in	Silicone	15° to 266°F	20 RA ID	—	53CT98
4 in	4 1/2 in	Silicone	15° to 266°F	20 RA ID	—	53CT99
4 in	4 7/8 in	EPDM	15° to 200°F	32 RA ID	Vne	803CM2
T316L Stainless Steel Body & Disc						
1 in	2 1/2 in	Silicone	15° to 266°F	20 RA ID	—	53CU01
1 1/2 in	2 3/4 in	Silicone	15° to 266°F	20 RA ID	—	53CU02
1 1/2 in	2 189/250 in	Viton	15° to 200°F	32 RA ID	Vne	803CL2
2 in	2 124/125 in	Viton	15° to 200°F	32 RA ID	Vne	803CL3
2 in	3 in	Silicone	15° to 266°F	20 RA ID	—	53CU03
2 1/2 in	3 1/2 in	Silicone	15° to 266°F	20 RA ID	—	53CU04
3 in	3 3/4 in	Silicone	15° to 266°F	20 RA ID	—	53CU05
4 in	4 1/2 in	Silicone	15° to 266°F	20 RA ID	—	53CU06



2-Way
11A421

Sanitary Stainless Steel 3-Piece Ball Valves

- Pad lockable handle
- 316 stainless steel stem & ball
- Surface finish: 20 RA ID
- PTFE seats
- Temp. range: -65° to 320°F

Manual ball valves control liquid flow in a pipe, and can be serviced without complete removal from line. A lever opens or closes a spherical port that allows liquid flow through the system. Stainless steel offers high resistance to rust and corrosion.

Pipe Size	Port	Max. Pressure	Overall Length	Item No.
2-Way, 3-Piece Valve Structure, PTFE Body Seal				
Butt Weld x Butt Weld Connection				
1/2 in	Full	1,000 psi	3 1/2 in	11A429
3/4 in	Full	1,000 psi	4 in	11A430
1 in	Full	1,000 psi	4 1/2 in	11A431
1 1/2 in	Full	1,000 psi	6 3/4 in	11A432
2 in	Full	1,000 psi	6 3/4 in	11A433
2 1/2 in	Full	600 psi	7 3/4 in	11A434
3 in	Full	600 psi	9 in	11A435
4 in	Full	600 psi	9 3/4 in	11A436
Clamp x Clamp Connection				
1/2 in	Full	1,000 psi	3 1/2 in	11A421
3/4 in	Full	1,000 psi	4 in	11A422
1 in	Full	1,000 psi	4 1/2 in	11A423
1 1/2 in	Full	1,000 psi	5 1/2 in	11A424
2 in	Full	1,000 psi	6 3/4 in	11A425
2 1/2 in	Full	600 psi	7 3/4 in	11A426
3 in	Full	600 psi	9 in	11A427
4 in	Full	600 psi	9 3/4 in	11A428
3-Way, 3-Piece Valve Structure, PTFE/Viton Body Seal				
Clamp x Clamp x Clamp Connection				
1/2 in	Full	1,000 psi	4 3/4 in	11A437
3/4 in	Full	1,000 psi	4 3/4 in	11A442
1 in	Full	1,000 psi	5 in	11A438
1 1/2 in	Full	1,000 psi	5 in	11A443
2 in	Full	1,000 psi	6 in	11A439
2 1/2 in	Full	1,000 psi	6 in	11A444
3 in	Full	1,000 psi	6 3/4 in	11A440
4 in	Full	1,000 psi	6 3/4 in	11A445
2 in	Full	1,000 psi	7 1/2 in	11A441
2 in	Full	1,000 psi	7 1/2 in	11A446

Sanitary Gaskets



X-Rayable/Metal Detectable gaskets allow metal and x-ray detection equipment to instantly locate and reject products contaminated with displaced gasket material.

Tri-Clamp—Gaskets are used to seal clamp connections in sanitary pipe lines. For use in the beverage, biotech, dairy, food, pharmaceutical, and other sanitary process applications. Buna N material does not meet USP Class VI and is not ADI free. **Tuf-Flex** innovative unitized gasket has high standards for flexibility, performance, and purity. Specifically designed for critical requirements in biotechnology, pharmaceutical, ultrapure water, and WFI (water-for-injection)

applications. **Tuf-Steel** surface is nonstick, chemical resistant and durable. Often used in steam applications.

Tri-Clamp, Orifice Plate—Allow flow rate adjustment, backflow balance, and back pressure equalization during sterilizing in place (SIP) procedures.

Tri-Clamp Screen—Help eliminate particulates to protect fill and finish sterile products, spray balls, and spray nozzles.

Tri-Clamp, Sock Screen—Extended sock-shaped mesh gaskets are inserted into the inside of stainless steel tubing and provide filtration for a greater soil retention. Offer up to 300% more open area for 300% more soil collection capability than conventional screens.



Tube Size	Inside Dia.	Outside Dia.	Metal Detectable	Mfr. Model	Item No.
Tri-Clamp Connection					
BUNA Material, Temp. Range: -30 to 250°F, Black					
1 1/2 in	1.377 in	1.984 in	No	40MPU-150	5PXZ3
2 in	1.874 in	2.52 in	No	40MPU-200	5PXZ4
2 1/2 in	2.374 in	3.05 in	No	40MPU-250	5PXZ5
3 in	2.878 in	3.583 in	No	40MPU-300	5PXZ6
4 in	3.843 in	4.685 in	No	40MPU-400	5PXZ7
6 in	5.822 in	6.57 in	No	40MOU-600	5PXZ8
EPDM Material, Temp. Range: -20 to 300°F, Black					
1/2 in	0.38 in	0.852 in	No	42MPE-050	5PXV1
3/4 in	0.62 in	0.852 in	No	42MPE-075	5PXV2
1 1/2 in	1.377 in	1.984 in	No	40MPE-150	5PXV4
2 in	1.874 in	2.52 in	No	40MPE-200	5PXV5
3 in	2.878 in	3.583 in	No	40MPE-300	5PXV7
4 in	3.843 in	4.685 in	No	40MPE-400	5PXV8
EPDM X-Rayable/Metal Detectable Material, Temp. Range: -20 to 300°F, Blue					
1 1/2 in	1.377 in	1.984 in	Yes	40MPE-BUZ-XR-150	11Z820
2 in	1.874 in	2.52 in	Yes	40MPE-BUZ-XR-200	11Z821
3 in	2.878 in	3.583 in	Yes	40MPE-BUZ-XR-300	11Z823
4 in	3.843 in	4.685 in	Yes	40MPE-BUZ-XR-400	11Z824
FKM Material, Temp. Range: -30 to 400°F, Black					
3/4 in	—	—	No	42MPSFY-075	5PYA0
1 1/2 in	1.377 in	1.984 in	No	40MPSFY-150	5PYA2
2 in	1.874 in	2.52 in	No	40MPSFY-200	5PYA3
2 1/2 in	2.374 in	3.05 in	No	40MPSFY-250	5PYA4
3 in	2.878 in	3.583 in	No	40MPSFY-300	5PYA5
4 in	3.843 in	4.685 in	No	40MPSFY-400	5PYA6
FKM X-Rayable/Metal Detectable Material, Temp. Range: -30 to 400°F, Blue					
2 in	1.874 in	2.52 in	Yes	40MPSFY-BUZ-XR-200	11Z829
Platinum Silicone Material, Temp. Range: -40 to 450°F, Clear					
1/2 in	0.375 in	0.8594 in	No	42RXPX-050	5PYA8
3/4 in	0.625 in	—	No	42RXPX-075	5PYA9
1 1/2 in	1.377 in	1.984 in	No	40RXPX-150	5PYC1
3 in	2.878 in	3.583 in	No	40RXPX-300	5PYC4

Tube Size	Inside Dia.	Outside Dia.	Metal Detectable	Mfr. Model	Item No.
PTFE Material, Temp. Range: -100 to 500°F, White					
1/2 in	—	—	No	42MPG-050	5PYC7
1 in	0.875 in	1.984 in	No	40MPG-100	5PYC9
1 1/2 in	1.377 in	1.984 in	No	40MPG-150	5PYD0
2 in	1.874 in	2.52 in	No	40MPG-200	5PYD1
2 1/2 in	2.374 in	3.05 in	No	40MPG-250	5PYD2
3 in	2.878 in	3.583 in	No	40MPG-300	5PYD3
4 in	3.843 in	4.685 in	No	40MPG-400	5PYD4
6 in	5.822 in	6.57 in	No	40MOG-600	5PYD5
Silicone X-Rayable/Metal Detectable Material, Temp. Range: -40 to 450°F, Blue					
1 1/2 in	1.377 in	1.984 in	Yes	40MPX-BUZ-XR-150	12N563
2 in	1.874 in	2.52 in	Yes	40MPX-BUZ-XR-200	12N564
3 in	2.878 in	3.583 in	Yes	40MPX-BUZ-XR-300	12N566
Tuf-Flex Material, Temp. Range: -20 to 300°F, Black/Blue					
1/2 in	—	—	No	442MPGR-TF-050-E	38R086
3/4 in	—	—	No	442MPGR-TF-075-E	38R087
1 in	0.875 in	1.984 in	No	440MPGR-TF-100-E	38R088
1 1/2 in	1.377 in	1.984 in	No	440MPGR-TF-150-E	38R089
2 in	1.874 in	2.52 in	No	440MPGR-TF-200-E	38R090
3 in	2.878 in	3.583 in	No	440MPGR-TF-300-E	38R092
4 in	3.843 in	4.685 in	No	440MPGR-TF-400-E	38R093
Tuf-Steel Material, Temp. Range: -350 to 550°F, Gray					
1 in	0.875 in	1.984 in	Yes	40MPG-TS-100	5PYE4
1 1/2 in	1.377 in	1.984 in	Yes	40MPG-TS-150	5PYE5
2 in	1.874 in	2.52 in	Yes	40MPG-TS-200	5PYE6
3 in	2.878 in	3.583 in	Yes	40MPG-TS-300	5PYE8
4 in	3.843 in	4.685 in	Yes	40MPG-TS-400	5PYE9

Tube Size	Inside Dia.	Outside Dia.	Metal Detectable	Mfr. Model	Item No.
Tuf-Steel X-Rayable/Metal Detectable Material, Temp. Range: -350 to 550°F, Blue					
1 1/2 in	1.377 in	1.984 in	No	40MPG-TS-XR-150	12N571
2 in	1.874 in	2.52 in	No	40MPG-TS-XR-200	12N572
2 1/2 in	2.374 in	3.05 in	No	40MPG-TS-XR-250	12N573
3 in	2.878 in	3.583 in	Yes	40MPG-TS-XR-300	12N574
4 in	3.843 in	4.685 in	Yes	40MPG-TS-XR-400	12N575
6 in	5.822 in	6.57 in	Yes	40MOG-TS-XR-600	12N576
Tri-Clamp Connection, Orifice Plate BUNA Material, Temp. Range: -30 to 250°F, Black					
1 1/2 in	—	—	No	A30MPU-150	5PYK0
2 in	—	—	No	A30MPU-200	5PYK1
Tri-Clamp Screen Connection BUNA Material, Temp. Range: -30 to 250°F, Black					
1 1/2 in	1.377 in	1.984 in	No	40MPUS150-10SS	5PYJ4
2 in	1.874 in	2.52 in	No	40MPUS200-10SS	5PYJ5
Tri-Clamp Connection, Sock Screen Gasket Buna/316Stainless Steel Material, Temp. Range: -30 to 250°F, Black					
1 1/2 in	—	—	Yes	SSG-U-L-150-10SS	38R184
2 in	—	—	Yes	SSG-U-L-150-16SS	38R186
2 in	—	—	Yes	SSG-U-L-200-10SS	38R185
2 in	—	—	Yes	SSG-U-L-200-16SS	38R187
EPDM/316 Stainless Steel Material, Temp. Range: -20 to 300°F, Black					
1 1/2 in	—	—	Yes	SSG-E-L-150-10SS	38R188
2 in	—	—	Yes	SSG-E-L-150-16SS	38R190
2 in	—	—	Yes	SSG-E-L-200-10SS	38R189
2 in	—	—	Yes	SSG-E-L-200-16SS	38R191