

Thermoplastic Valves Butterfly Check Valves



Pressure Rating @ 73°F (23°C), Water

2" - 8"	150 psi
10" - 16"	100 psi
18" - 24"	50 psi

Maximum Service Temperature

PVC = 140°F (60°C)
CPVC = 200°F (93°C)

Temperature/Pressure De-ratings Apply

General Installation Information: Butterfly Check Valve seating may be affected by normal system turbulence. Flow velocities should be limited to approximately 5 feet per second. Valves should be installed at least 5 pipe diameters away from any fitting, pump or other source of turbulence. If used as a foot valve, do not place near bottom of a tank. Butterfly type check valves should not be used in continuous cycling applications, such as with reciprocating pumps. This can result in premature failure of sealing membrane. In horizontal installations, always orient the Hinge Post Bolts visible on the external body in a vertical (top and bottom) position, perpendicular to flow. In vertical installations downstream from an elbow, flow velocities can be higher on the outer radius of the elbow. To avoid uneven butterfly plate loading, the Hinge Post Bolts should align with crotch and outer radius of elbow and NOT from side to side of the elbow.

PVC

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
Wafer					
2	5420-020 385.09	5430-020 424.33	1	18	289
2-1/2	5420-025 530.69	5430-025 584.85	1	0	289
3	5420-030 678.83	5430-030 748.05	1	8	289
4	5420-040 923.19	5430-040 1017.36	1	4	289
6	5420-060 1399.61	5430-060 1542.36	1	0	289
8	5420-080 2374.63	5430-080 2616.83	1	0	289
10	5420-100 4366.31	5430-100 4846.59	1	0	289
12	5420-120 6156.44	5430-120 6833.66	1	0	289
14	5420-140 8793.94	---	1	0	289
16	5420-160 12212.80	---	1	0	289
18	5420-180 15264.85	---	1	0	289
20	5420-200 19081.05	---	1	0	289
24	5420-240 27256.74	---	1	0	289

Flanged Ends

2	5423-020 491.20	5433-020 528.24	1	8	289
2-1/2	5423-025 639.32	5433-025 696.11	1	0	289
3	5423-030 918.27	5433-030 1009.59	1	0	289
4	5423-040 1192.26	5433-040 1330.47	1	0	289
6	5423-060 1932.78	5433-060 2211.72	1	0	289
8	5423-080 2769.57	5433-080 3268.20	1	0	289
10	5423-100 5099.79	5433-100 5815.62	1	0	289
12	5423-120 7225.10	5433-120 7685.85	1	0	289
14	5423-140 10187.39	5433-140 10836.99	4	0	289

PVC (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
Flanged Ends					
16	5423-160 14338.77	5433-160 15481.40	1	0	289
18	5423-180 18319.43	5433-180 19595.64	1	0	289
20	5423-200 24077.89	5433-200 25783.73	1	0	289
24	5423-240 31537.47	5433-240 33924.26	1	0	289

Spigot (Plain End)

2	5427-020 209.82	5437-020 246.84	1	12	289
2-1/2	5427-025 288.81	5437-025 345.60	1	12	289
3	5427-030 387.54	5437-030 478.87	1	8	289
4	5427-040 508.50	5437-040 646.74	1	4	289
6	5427-060 1081.16	5437-060 1360.10	1	0	289
8	5427-080 1611.90	5437-080 2110.49	1	0	289
10	5427-100 3942.07	5437-100 4657.91	1	0	289
12	5427-120 5339.21	5437-120 6259.09	1	0	289
14	5427-140 7125.66	5437-140 8187.78	1	0	289
16	5427-160 10720.62	5437-160 12569.19	1	0	289
18	5427-180 13400.78	5437-180 15710.07	1	0	289
20	5427-200 16750.52	5437-200 19636.33	1	0	289
24	5427-240 23929.28	5437-240 28050.93	1	0	289

Threaded Ends

2	5421A-020 204.89	5431A-020 241.91	1	4	289
2-1/2	5421A-025 278.94	5431A-025 335.69	1	8	289
3	5421A-030 380.15	5431A-030 471.46	1	8	289
4	5421A-040 498.63	5431A-040 636.85	1	4	289



**Schedule 80 PVC Industrial Products & Accessories
Y-Check Valves & Butterfly Check Valves**

Y-Check Valves

PVC Clear - True Union SR Threaded Ends

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
1/2	162B-005CLSR 94.88	163B-005CLSR 104.07	1	12	628
3/4	162B-007CLSR 102.53	163B-007CLSR 113.26	1	8	628
1	162B-010CLSR 113.26	163B-010CLSR 125.50	1	8	628
1-1/4	162B-012CLSR 179.06	163B-012CLSR 197.41	1	4	628
1-1/2	162B-015CLSR 200.48	163B-015CLSR 220.38	1	0	628

PVC Clear - True Union SR Threaded Ends (continued)

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
2	162B-020CLSR 246.40	163B-020CLSR 272.40	1	0	628
3	162B-030CLSR 498.91	163B-030CLSR 549.43	1	0	628
4	162B-040CLSR 837.14	163B-040CLSR 925.90	1	0	628

Butterfly Check Valves



Wafer



Flanged



Spigot



Threaded



Grooved

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