



Valves Product  
**Butterfly Check Valves**

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**Pressure Rating @ 73°F (23°C), Water**  
 2" - 8" 150 psi  
 10" - 14" 100 psi  
 16" 70 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	FKM	Std Pk	Mstr Pk	Prod Code
<b>Wafer</b>					
2	5420-020 472.79	5430-020 520.97	1	18	289
2-1/2	5420-025 651.55	5430-025 718.04	1	0	289

**PVC (continued)**

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
<b>Wafer</b>					
3	5420-030 833.43	5430-030 918.40	1	8	289
4	5420-040 1133.44	5430-040 1249.05	1	4	289
6	5420-060 1718.35	5430-060 1893.62	1	0	289
8	5420-080 2915.42	5430-080 3212.79	1	0	289
10	5420-100 5360.68	5430-100 5950.34	1	0	289
12	5420-120 7558.49	5430-120 8389.95	1	0	289
14	5420-140 8497.00	---	1	0	289
16	5420-160 11670.02	---	1	0	289
18	5420-180 12253.58	---	1	0	289
20	5420-200 14152.00	---	1	0	289
24	5420-240 15962.28	5430-240 16281.43	1	0	289

**Flanged Ends**

2	5423-020 603.06	5433-020 648.55	1	8	289
2-1/2	5423-025 784.92	5433-025 854.65	1	0	289
3	5423-030 1127.39	5433-030 1239.52	1	0	289
4	5423-040 1463.78	5433-040 1633.46	1	0	289
6	5423-060 2372.96	5433-060 2715.41	1	0	289
8	5423-080 3400.31	5433-080 4012.48	1	0	289
10	5423-100 6261.21	5433-100 7140.06	1	0	289
12	5423-120 8870.53	5433-120 9436.21	1	0	289
14	5423-140 12507.44	5433-140 13304.99	4	0	289
16	5423-160 17604.24	5433-160 19007.11	1	0	289
18	5423-180 22491.45	5433-180 24058.31	1	0	289
20	5423-200 29561.34	5433-200 31655.65	1	0	289
24	5423-240 38719.75	5433-240 41650.09	1	0	289

**Spigot (Plain End)**

2	5427-020 257.60	5437-020 303.06	1	12	289
2-1/2	5427-025 354.58	5437-025 424.31	1	12	289
3	5427-030 475.80	5437-030 587.93	1	8	289

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PVC (continued)

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
<b>Spigot (Plain End)</b>					
4	5427-040 624.29	5437-040 794.03	1	4	289
6	5427-060 1327.38	5437-060 1669.84	1	0	289
8	5427-080 1978.99	5437-080 2591.13	1	0	289
10	5427-100 4839.83	5437-100 5718.69	1	0	289
12	5427-120 6555.15	5437-120 7684.52	1	0	289
14	5427-140 8748.43	5437-140 10052.45	1	0	289
16	5427-160 13162.11	5437-160 15431.66	1	0	289
18	5427-180 16452.64	5437-180 19287.84	1	0	289
20	5427-200 20565.25	5437-200 24108.26	1	0	289
24	5427-240 29378.88	5437-240 34439.18	1	0	289

**Threaded Ends**

2	5421A-020 251.55	5431A-020 297.00	1	4	289
2-1/2	5421A-025 342.46	5431A-025 412.15	1	8	289
3	5421A-030 466.73	5431A-030 578.82	1	8	289
4	5421A-040 612.18	5431A-040 781.88	1	4	289
6	5421A-060 1303.15	5431A-060 1645.60	1	0	289
8	5421A-080 1957.80	5431A-080 2569.93	1	0	289
10	5421A-100 4829.93	5431A-100 5710.22	1	0	289
12	5421A-120 6547.07	5431A-120 7676.45	1	0	289

**Grooved Ends**

2	542G-020 284.86	543G-020 330.33	1	12	289
2-1/2	542G-025 372.77	543G-025 442.46	1	8	289
3	542G-030 490.95	543G-030 603.06	1	8	289
4	542G-040 660.67	543G-040 830.38	1	4	289
6	542G-060 1381.94	543G-060 1724.41	1	0	289
8	542G-080 2039.57	543G-080 2651.77	1	0	289
10	542G-100 4936.80	543G-100 5815.66	1	0	289
12	542G-120 6685.45	543G-120 7815.88	1	0	289

CPVC

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
<b>Wafer</b>					
2	5420-020C 732.79	5430-020C 813.40	1	18	290
2-1/2	5420-025C 1009.92	5430-025C 1070.31	1	0	290
3	5420-030C 1291.79	5430-030C 1433.88	1	0	290
4	5420-040C 1756.86	5430-040C 1950.11	1	0	290
6	5420-060C 2663.43	5430-060C 2956.42	1	0	290
8	5420-080C 4518.91	5430-080C 5015.98	1	0	290
10	5420-100C 9718.43	5430-100C 10690.28	1	0	290
12	5420-120C 17115.46	5430-120C 18827.01	1	0	290

**Flanged Ends**

2	5423-020C 933.41	5433-020C 978.87	1	8	290
2-1/2	5423-025C 1494.07	5433-025C 1563.78	1	0	290
3	5423-030C 1597.11	5433-030C 1709.24	1	0	290
4	5423-040C 1869.86	5433-040C 2039.57	1	0	290
6	5423-060C 3297.26	5433-060C 3639.74	1	0	290
8	5423-080C 5282.31	5433-080C 5894.51	1	0	290
10	5423-100C 9982.75	5433-100C 10861.61	1	0	290
12	5423-120C 17980.44	5433-120C 19110.89	1	0	290
14	5423-140C 25685.91	5433-140C 27300.91	1	0	290
16	5423-160C 35672.89	5433-160C 37917.91	1	0	290
18	5423-180C 44591.09	5433-180C 47397.41	1	0	290
20	5423-200C 63701.34	5433-200C 67709.21	1	0	290
24	5423-240C 79624.89	5433-240C 84636.21	1	0	290

**Spigot (Plain End)**

2	5427-020C 490.95	5437-020C 536.42	1	12	290
2-1/2	5427-025C 663.72	5437-025C 733.39	1	12	290
3	5427-030C 675.83	5437-030C 786.95	1	8	290
4	5427-040C 848.56	5437-040C 1018.28	1	4	290
6	5427-060C 1815.34	5437-060C 2157.80	1	0	290
8	5427-080C 2724.49	5437-080C 3336.67	1	0	290



**Butterfly Check Valves & Butterfly Check Valve Repair Kits**

**Butterfly Check Valves**

CPVC (continued)

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
<b>Spigot (Plain End)</b>					
10	5427-100C 6809.71	5437-100C 7688.62	1	0	290
12	5427-120C 11173.77	5437-120C 12303.16	1	0	290
14	5427-140C 11687.15	5437-140C 24410.15	1	0	290
16	5427-160C 15454.88	5437-160C 16043.17	1	0	290
18	5427-180C 23501.76	5437-180C 26973.97	1	0	290
20	5427-200C 29378.36	5437-200C 33714.14	1	0	290
24	5427-240C 30428.94	5437-240C 84636.21	1	0	290

**Threaded Ends**

2	5421A-020C 487.96	5431A-020C 563.72	1	12	290
2-1/2	5421A-025C 661.07	5431A-025C 731.38	1	8	290
3	5421A-030C 671.78	5431A-030C 783.88	1	8	290
4	5421A-040C 844.52	5431A-040C 1014.24	1	4	290
6	5421A-060C 1801.17	5431A-060C 2142.61	1	0	290
8	5421A-080C 2711.96	5431A-080C 3324.15	1	0	290
10	5421A-100C 6798.98	5431A-100C 7677.88	1	0	290
12	5421A-120C 11155.96	5431A-120C 12286.38	1	0	290

**Grooved Ends**

2	542G-020C 518.26	543G-020C 600.29	1	12	290
2-1/2	542G-025C 687.94	543G-025C 757.66	1	8	290
3	542G-030C 699.02	543G-030C 811.17	1	8	290
4	542G-040C 897.05	543G-040C 1067.55	1	4	290
6	542G-060C 1878.97	543G-060C 2221.43	1	0	290
8	542G-080C 2785.32	543G-080C 3397.49	1	0	290
10	542G-100C 6912.77	543G-100C 7791.62	1	0	290
12	542G-120C 11522.28	543G-120C 12652.66	1	0	290

**Butterfly Check Valve Repair Kits**

PVC & CPVC Butterfly Check Valve Repair Kit is an internal assembly including:

- 1-Flex Seal Gasket Seat
- 1-Hinge Post
- 2-Flapper Plates
- 2-Flapper Covers

- 1-Post Strip
- 2-Seat Post O-rings
- Plastic Assembly Screws
- Use Existing Hinge Post Bolts

**PVC Butterfly Check Valve Repair Kits**

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
2	BFC-ERK-020 181.92	BFC-VRK-020 214.93	1	10	299
2-1/2	BFC-ERK-025 247.74	BFC-VRK-025 298.22	1	0	299
3	BFC-ERK-030 337.45	BFC-VRK-030 418.20	1	10	299
4	BFC-ERK-040 442.85	BFC-VRK-040 565.39	1	10	299
6	BFC-ERK-060 942.64	BFC-VRK-060 1190.38	1	10	299
8	BFC-ERK-080 1416.41	BFC-VRK-080 1858.86	1	10	299
10	BFC-ERK-100 3493.69	BFC-VRK-100 4130.35	1	0	299
12	BFC-ERK-120 4735.75	BFC-VRK-120 5552.57	1	0	299

**CPVC Butterfly Check Valve Repair Kits**

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
2	BFC-ERK-020C 352.97	BFC-VRK-020C 385.80	1	10	299
2-1/2	BFC-ERK-025C 478.23	BFC-VRK-025C 529.11	1	10	299
3	BFC-ERK-030C 486.18	BFC-VRK-030C 566.94	1	10	299
4	BFC-ERK-040C 610.82	BFC-VRK-040C 733.73	1	10	299
6	BFC-ERK-060C 1302.81	BFC-VRK-060C 1549.77	1	10	299
8	BFC-ERK-080C 1961.57	BFC-VRK-080C 2404.47	1	10	299
10	BFC-ERK-100C 4917.87	BFC-VRK-100C 5553.73	1	0	299
12	BFC-ERK-120C 8069.65	BFC-VRK-120C 8887.25	1	0	299