

## Features and Benefits

- Thermoplastic design with stainless steel fasteners resists process and atmospheric corrosion.
- Pressure rated up to 150 psi in full flow (open) position, and 75 psi in the closed position (non-shock water at 73° F).
- High-impact PVC Type II Material

For use in irrigation, swimming pool, and commercial plumbing applications to prevent backflow. The open position allows for unobstructed continuous flow with minimal head loss, making it a favorable choice for sump pump disposal lines, sewage lift stations, and waste water lines. Swing check valves are designed for horizontal installation, but can be installed vertically with flow going upward. All check valves must be installed with the flow-arrow pointing in the direction of the flow of the system. Swing check valves must NOT be installed upside-down. The flow velocity should not exceed 5 ft./second.

**SWING CHECK VALVE 2-1/2" - 4" GRAY PVC / EPDM**



Printed in USA 5/08

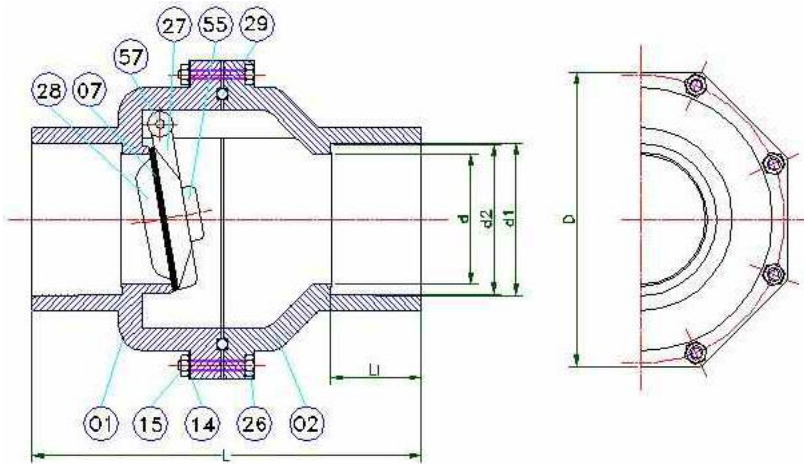


**CUSTOMER SERVICE:** 6400 Corporate Ave., Portage, MI 49002  
Toll-free (800)374 0234, Phone (269)323 2495, Fax (269) 323 0630 [www.colonialengineering.com](http://www.colonialengineering.com)

Pressure rated up to 150 psi,  
non-shock water at 73° F.

Temperature / pressure de-rating:

Temp (°F)	PVC
73	1.00
80	.88
90	.75
100	.62
110	.50
120	.40
130	.30
140	.22
150	NR
160	NR



Size	Gray Socket
2-1/2	V27611N
3	V30611N
4	V40611N

	2-1/2"	3"	4"
d	2.480	2.953	3.937
d1	2.889	3.516	4.518
d2	2.868	3.492	4.491
L	8.346	8.976	10.630
L1	1.949	2.087	2.402
D	6.614	6.850	8.189

No.	Part	Qty	Material
01	Body	1	PVC
02	Body	1	PVC
07	Seat Gasket	1	EPDM
14	Washer	8	304 SS
15	Nut	8	304 SS
26	Bolt	8	304 SS
27	Seat Arm	1	PVC
28	Seat Disc	1	PVC
29	O-Ring	1	EPDM
55	Disc Nut	1	PVC
57	Disc Pin	1	304 SS

