

## Utility Spring Check Valves



### PVC White

Size	Socket	Thread	SR Thread	Std Pk	Mstr Pk	Disc Code
1/2	S1580-05 31.20	S1580-05F 31.20	S1580-05FSR 33.84	20	0	026
3/4	S1580-07 35.31	S1580-07F 35.31	S1580-07FSR 39.07	20	0	026
1	S1580-10 36.78	S1580-10F 36.78	S1580-10FSR 42.01	20	0	026
1-1/4	S1580-12 38.30	S1580-12F 38.30	S1580-12FSR 46.71	12	0	026
1-1/2	S1580-15 40.77	S1580-15F 40.77	S1580-15FSR 55.12	12	0	026
2	S1580-20 42.74	S1580-20F 42.74	S1580-20FSR 58.32	15	0	026
2-1/2	S1580-25 75.86	S1580-25F 75.86	S1580-25FSR 100.02	4	0	026
3	S1580-30 79.12	S1580-30F 79.12	S1580-30FSR 120.76	4	0	026
4	S1580-40 112.28	S1580-40F 112.28	S1580-40FSR 155.43	2	0	026

- Spring Loaded Swing Assembly Maintains a Positive Seal
- Engineered for Maximum Flow, Quick Response & Positive Shutoff
- Excellent for Pool & Spa, OEM and General Purpose Applications
- Compact, Space-Saving Design
- PVC White or Clear Sealed Unit
- High Grade EPDM Seat
- Suitable for Horizontal or Vertical Up-flow Installations
- Socket, Threaded, or SR Threaded End Connections
- Pressure Rated to 150 psi @ 73°F Full Flow (open), 75 psi Back Pressure (closed)
- Maximum Service Temperature 140°F (temperature/pressure de-ratings apply)

General Installation Information: Spring check valves are designed for horizontal installations, but may be installed in up-flow only vertical position. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of the flow. Do not install valve upside down. Flow velocity should not exceed 5 ft./sec. Minimum opening pressure = 0.5 psi.

### PVC Clear

Size	Socket	Thread	SR Thread	Std Pk	Mstr Pk	Disc Code
1/2	S1580C05 32.15	S1580C05F 32.15	S1580C05FSR 34.82	20	0	026
3/4	S1580C07 36.39	S1580C07F 36.39	S1580C07FSR 40.19	20	0	026
1	S1580C10 37.94	S1580C10F 37.94	S1580C10FSR 43.16	20	0	026
1-1/4	S1580C12 39.50	S1580C12F 39.50	S1580C12FSR 47.89	12	0	026
1-1/2	S1580C15 41.85	S1580C15F 41.85	S1580C15FSR 56.23	12	0	026
2	S1580C20 43.43	S1580C20F 43.43	S1580C20FSR 59.00	15	0	026
2-1/2	S1580C25 78.21	S1580C25F 78.21	S1580C25FSR 102.33	5	0	026
3	S1580C30 81.44	S1580C30F 81.44	S1580C30FSR 162.04	4	0	026
4	S1580C40 115.71	S1580C40F 115.71	S1580C40FSR 158.85	2	0	026

Pressure Rating @ 73°F (23°C), Water  
 Full Flow (open) 150 psi  
 Back Pressure (closed) 75 psi

Maximum Service Temperature  
 140°F (60°C)

Temperature/Pressure De-ratings Apply

Made in the U.S.A.

NOT FOR USE WITH COMPRESSED AIR OR GAS

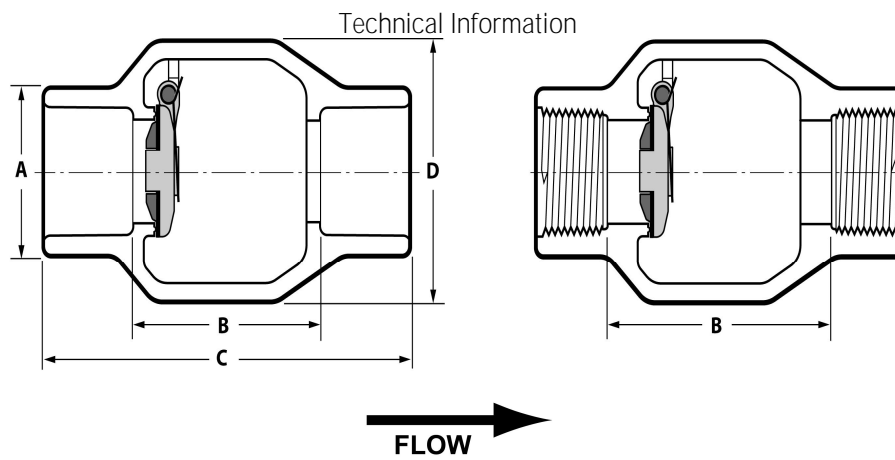
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Progressive Products from Spears® Innovation and Technology



## Utility Spring Check Valves



### Dimensions

Nominal Size	Dimension Reference (inches, $\pm 1/16$ )				
	A	B		C	D
		Socket	Threaded/SR Threaded		
1/2	1-3/8	2-19/32	2-5/8	4-3/32	2-5/8
3/4	1-3/8	2-5/32	2-1/16	4-1/16	2-5/8
1	1-11/16	2-5/16	2-15/16	4-9/16	2-5/8
1-1/4	2-1/16	2-15/16	3-5/8	5-1/2	3-3/8
1-1/2	2-7/16	3	3-11/16	5-5/8	3-3/8
2	3	3-5/8	4-3/8	6-3/8	4-1/4
2-1/2	3-9/16	4-3/8	5-1/4	7-7/8	5-1/8
3	4-5/16	4-11/16	5-5/8	8-7/16	5-3/4
4	5-1/4	6	7-1/16	10-1/16	6-3/8