

## SUBMITTAL SHEET

JOB NAME	ITEM TAG
JOB LOCATION	PART NUMBER
CONTRACTOR	DATE
ENGINEER APPROVAL	DATE

## PVC BACKWATER VALVE

### S-640 & S-641

The stepped body design places the inlet socket-end higher than the outlet, promoting the correct drop-per-foot and improving flow efficiency. Heavy-duty Acme-threaded access lid can be removed using the end of a dimensional 2" x 4" board of correct length, to ease clean-out or repair.\*\* Lid and flapper are equipped with an O-ring or gasket seal, assuring a positive seal-out of sewer gasses.

Manufactured with 100 percent virgin resins; No re-grind.

Designed for horizontally-installed, low-or-no pressure gravity-flow DWV systems only. Not suitable for upward-flow vertical installations or pressurized systems.

Model S-640 is available in nominal pipe sizes 1-1/2" to 6", solvent-weld. Note: a piece of 10" SDR 35 pipe cut to desired length, can be used as an access sleeve on the 6" S-640.

Model S-641 includes a 16" access sleeve with cap and is available in nominal pipe sizes 2", 3" and 4".

\*\*Nominal sizes 3", 4" & 6" only.

### Working Pressure, Non Shock (PSI)

Sustains backflow pressure up to 5 psi

MATERIAL SPECIFICATION			
PART	MATERIAL	SPECIFICATION	
1 Body	PVC	ASTM D1784	
2 Flapper	PVC	ASTM D1784	
3 Flapper O-ring (3", 4", & 6") or gasket (1-1/2" & 2")	Neoprene rubber	Commercial grade	
4 Access lid	PVC	ASTM D1784	
5 Access lid O-ring	Neoprene rubber	Commercial grade	
6 Access sleeve*	PVC	ASTM D1784	
7 Access sleeve cap*	PVC	ASTM D1784	

DIMENSIONS			
Size	A	B	C*
1-1/2"	4.19	3.88	-
2"	4.50	3.88	18.88
3"	7.37	6.00	21.00
4"	10.75	6.75	21.75
6"	15.13	10.13	-

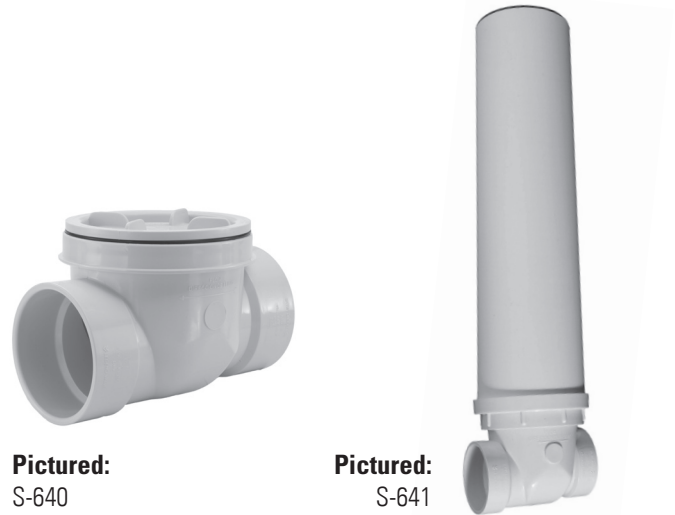
\*Model S-641 only.

### Certifications/Listings:

ASME A112.14.1: Backwater Valves.  
International Plumbing Code (IPC).  
Uniform Plumbing Code (UPC).

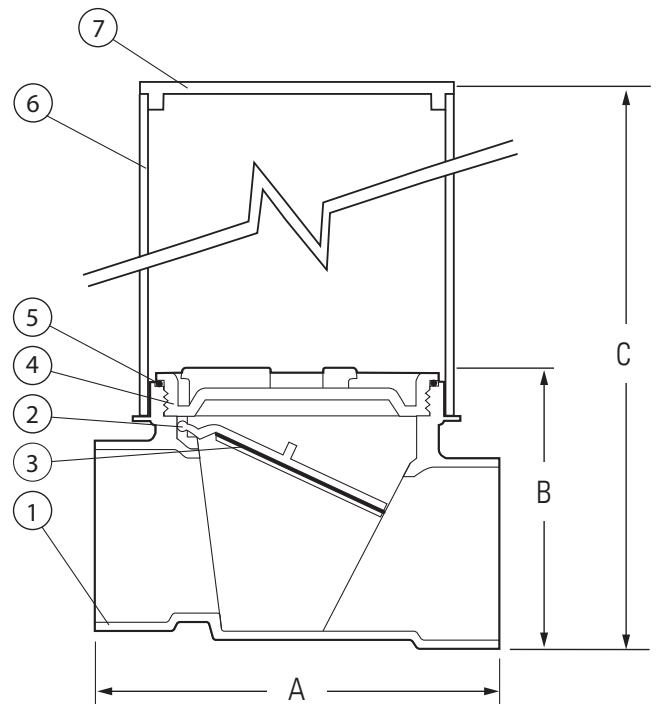
### Standards:

ASTM D2665: PVC Plastic Drain, Waste, and Vent Pipe and Fittings.



**Pictured:**  
S-640

**Pictured:**  
S-641



**Pictured:**  
S-640/S-641  
Cut-away