

## **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.

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".

### Working Pressure, Non Shock (PSI)

4.3 psi (10 ft. of head) operating pressure 25 psi max test pressure

MATERIAL SPECIFICATION							
	PART	MATERIAL	SPECIFICATION				
1	Body	PVC	ASTM D1784				
2	Flapper	PVC	ASTM D1784				
3	Flapper seal	Neoprene rubber	Commercial grade				
4	Llid	PVC	ASTM D1784				
5	Lid O-ring	Neoprene rubber	Commercial grade				
6	Access sleeve*	PVC	ASTM D1784				
7	Access sleeve cap*	PVC	ASTM D1784				

DIMENSIONS - Inch							
Size	Α	В	С	D*			
1-1/2"	4.18	4.38	4.22	-			
2"	4.54	4.38	4.22	20.00			
3"	7.47	5.85	5.18	20.85			
4"	9.88	7.00	7.00	21.60			
6"	15.18	10.00	10.00	-			

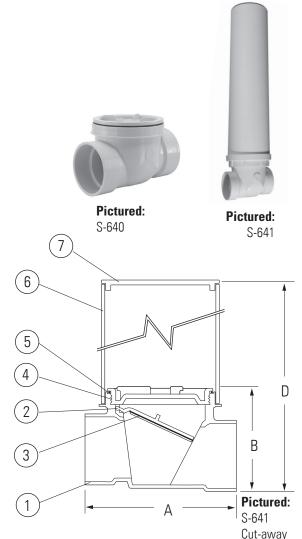
<sup>\*</sup>Model S-641 only.

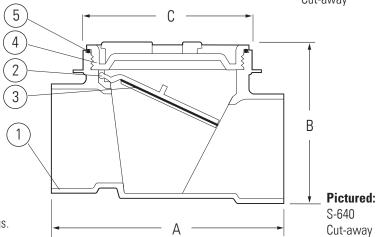
#### **Certifications/Listings:**

International Plumbing Code (IPC). Uniform Plumbing Code (UPC).

#### Standards:

ASTM D2665: PVC Plastic Drain, Waste, and Vent Pipe and Fittings. ASME A112.14.1: Backwater Valves





<sup>\*\*</sup>Nominal sizes 3",4" & 6" only.