

## 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".

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

#### 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	A	B	C	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	-

\*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

