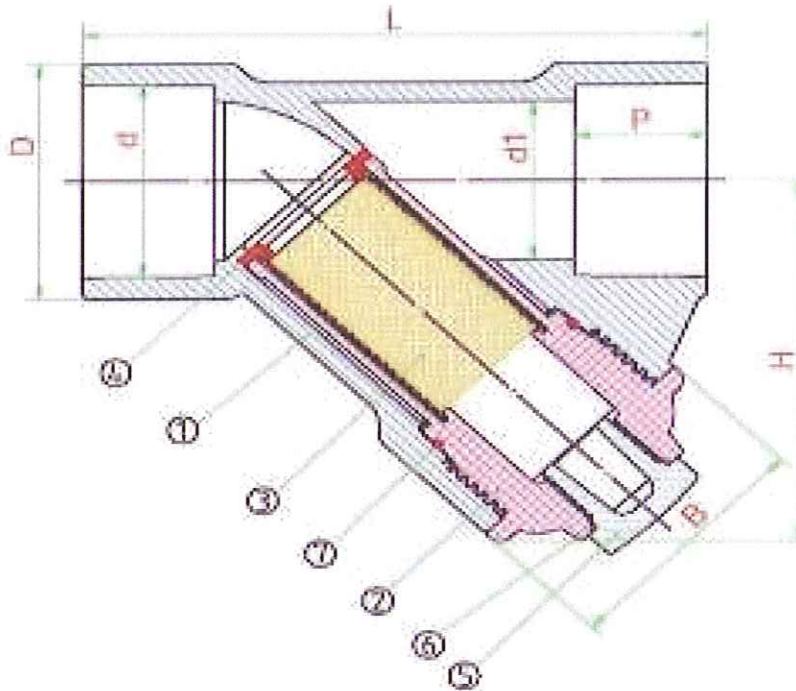


**TVI THERMOPLASTIC VALVES INC.**  
**ARRANGEMENT DRAWING**  
**Y SEDIMENT STRAINER**

SIZE: 2 1/2" THRU 4"

DWN BY CKP	DATE 1-2008	DWG NO. 110-YS4
GENERAL DIMENSIONS		
DATE _____ PER: _____		

53 S. 7<sup>th</sup> Street, Emmaus, PA 18049  
 Ph: 610-967-6388 Fax: 610-967-6448  
 Email: [tv2@fast.net](mailto:tv2@fast.net)  
[www.plasticvalves.com](http://www.plasticvalves.com)



**Material Of Construction**

Item	Part	Pcs	Materials	Item	Part	Pcs	Materials
1	Body	1	PVC	5	Lid	1	pvc
2	Screen Rack	1	PVC	6	O'Ring	1	epdm, viton
3	Screen	1	PVC	7	O'Ring	1	epdm, viton
4	Clip	1	ABS				

**Ansi Dimensions**

Nom. Size DN-Inch	d1	D	L SOC/THD	FLANGED	P	d SOCKET	THREAD (NPT)	H	Unit:Inch B	Working Pressure (PSI)
2 1/2"	2.39	3.52	8.25	10.33	1.752	2.889	2 1/2	5.4	3.52	150
3"	3.15	4.3	9.63	11.91	1.875	3.516	3	6.45	4.3	150
4"	3.94	5.36	11.69	14.02	2.25	4.518	4	7.84	5.36	150

Testing performed on PVC/EPDM valves at 73°F water temperature, non-shock.

# TVI Y-SEDIMENT STRAINERS 2 1/2" THRU 4"

## DESIGN SPECIFICATIONS

Thermoplastic Y-Sediment Strainers have a one piece clear PVC body.  
The Body connection is socket. Available in threaded and flanged if required.  
Filter screen standard 20 mesh PVC is easily removed for cleaning or replacing.  
Strainers tested at 150 psi before shipment from manufacturing plant.

## BODY

All parts except seals  
PVC, ASTM D-1784

## SEALS

EPDM, Ethylene Propylene Diene Monomer  
Flouorocarbon, Viton® (Dupont Dow Elastomers)

End Connectors Shall conform to the following standards:

## SOCKET

ASTM-D-2467 (PVC, SCH-80)

## THREADED

ASTM-D-2464 (PVC, SCH-80)

## FLANGED

ANSI-B16.5 Class 150