

## SS-726 STAINLESS STEEL Y-STRAINER



The Model SS-726 Stainless Steel Grooved-end Y-Strainers are designed to strain debris and foreign matter from piping systems and thus provide inexpensive protection for costly pumps, meters and other components. The SS-726 Stainless Steel Y-Strainer can be installed quickly and easily with two mechanical couplings and the straight flow through design provides for lower pressure drop. This strainer features a stainless steel screen that is secured with an end cap and mechanical coupling. Cleaning and maintenance of the screen can be accomplished easily by removing the coupling. The Model SS-726 Stainless Steel Y-Strainer is suitable for vertical or horizontal installations.

### material specification

- **Body, End-Cap, Drain Plug and Coupling Segments:**
  - Type 304 Stainless steel to ASTM A351 CF8 or A743 Gr. CF8
  - Type 316 to ASTM A743 CF8M
  - Type 316L to ASTM A743 CF3M
  - Type 316Ti to ASTM A240.
  - Duplex 2205 to ASTM A890 4A
  - Super Duplex 2507 to ASTM A890 5A
  - Duplex 254SMO to ASTM A351 CK3McuN
- **Rubber Gaskets:**
  - Grade "E" EPDM (Color code: Green stripe) Good for cold & hot water up to +230°F (+110°C). Also good for services for water with acid, water with chlorine or chloramines, deionized water, seawater and waste water, dilute acids, oil-free air and many chemicals.
  - Not recommended for petroleum oils, minerals oils, solvents and aromatic hydrocarbons.
  - Maximum Temperature Range: -30°F (-34°C) to +230°F (+110°C)\*.

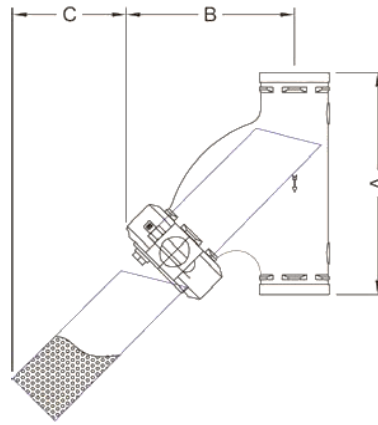
For pressure rating, listing, and approval information, refer to data sheet or visit SHURJOINT website [www.shurjoint.com](http://www.shurjoint.com) for details or contact your SHURJOINT representatives.

\*EPDM gaskets for water services are not recommended for steam services unless couplings or components are accessible for frequent gasket replacement.

- (Optional) Grade "T" Nitrile
- Grade "O" Fluoroelastomer
- Grade "L" Silicone.

For additional details contact Shurjoint.

- **Bolts & Nuts:**
  - Type 304 Stainless steel track bolts to A193 B-8 with heavy duty nuts to ASTM A194 B8, Molybdenum disulfide (MoS<sub>2</sub>) coated.
  - Type 316 Stainless steel track bolts to A193 B-8M with heavy duty nuts to ASTM B8M, Molybdenum disulfide (MoS<sub>2</sub>) coated
- **Screen:**
  - Stainless Steel Type 304 to ASTM A240.
  - Type 316 to ASTM A240.
  - Factory's standard screen perforation is 1/8" (3.2 mm). Other perforations are available upon request



Model SS-726 Stainless Steel Y-Strainer

Nominal Size	Pipe O.D.	Max. Working Pressure (CWP)*	Dimensions			Drain Plug Size	Weight
			A	B	C		
in	in	PSI	in	in	in	in	lbs
mm	mm	Bar	mm	mm	mm	mm	kg
2½	2.875	300	10.75	7.83	4.80	½	16.7
65	73.0	20	273	199	122	15	7.6
3	3.500	300	11.75	8.70	5.08	½	18.9
80	88.9	20	299	221	129	15	8.6
4	4.500	300	14.25	10.59	6.61	1	21.1
100	114.3	20	362	269	168	25	9.6
6	6.625	300	18.50	14.05	8.62	1	85.8
150	168.3	20	470	357	219	25	39.0

\*Working pressure is based on connection with roll- or cut-grooved standard wall stainless steel pipe.

**Flow Data - Cv Values**

Values for flow of water at +60°F (+16°C).

$$Cv = \frac{Q}{\sqrt{\Delta P}}$$

Where: Cv = Flow coefficient  
 Q = Flow (GPM)  
 ΔP = Pressure drop (psi)

Model SS-726 Stainless Steel Y-Strainer		
Valve Size	Actual O.D.	Cv Value
in	in	
mm	mm	
2½	2.875	92
65	73	
3	3.5	162
80	88.9	
4	4.5	284
100	114.3	
6	6.625	770
150	168.3	

General note

- Maximum Working Pressure (CWP) listed is the maximum cold water pressure for general piping services tested to ASTM F1476 and or AWWA C606 methods. Figures listed are based on roll- or cut-grooved standard wall carbon steel pipe. For other pipe schedules or pipe materials, contact Shurjoint for additional information.
- Field Joint Test: For one time only the system may be tested hydrostatically at 1½ times the maximum working pressure listed (AWWA C606 5.2.3).
- Warning: Piping systems must always be depressurized and drained before attempting disassembly and or removal of any components.
- The 10 Year Limited Warranty applies to manufacturing defects only and does not cover severe service/temperature applications or wear parts.
- Shurjoint reserves the right to change specifications, designs and or standard without notice and without incurring any obligations.