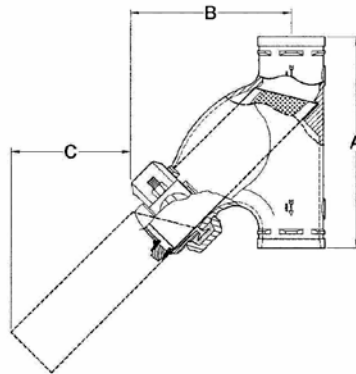


## MODEL SS-726 STAINLESS STEEL Y-STRAINER

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.



Full warranty terms can be found on [www.shurjoint.com](http://www.shurjoint.com)

Model SS-726 Stainless Steel Y-Strainer								
Nominal Size	Pipe O. D.	Max. Working Pressure (CWP)*	ASME/ANSI Pressure Class Rating <sup>^</sup> @100°F/@38°C	Dimensions			Drain Plug Size	Approx. Weight
				A	B	C		
in mm	in mm	PSI bar	PSI Nom. Class	in mm	in mm	in mm	in mm	Lbs Kgs
2½ 65	2.875 73.0	300 20	300 150	10.75 273	7.83 199	4.80 122	½ 15	16.7 7.6
3 80	3.500 88.9	300 20	300 150	11.75 299	8.70 221	5.08 129	½ 15	18.9 8.6
4 100	4.500 114.3	300 20	300 150	14.25 362	10.59 269	6.61 168	1 25	21.1 9.6
6 150	6.625 168.3	300 20	300 150	18.50 470	14.05 357	8.62 219	1 25	85.8 39.0

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

<sup>^</sup> The ASME/ANSI pressure class rating is not the design or maximum pressure rating, rather is provided for those that are accustomed to specifying or using ASME/ANSI pressure class rated components such as flange, valves, etc.

### Flow Data – C<sub>v</sub> Values

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

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

Where: C<sub>v</sub> = Flow coefficient  
Q = Flow (GPM)  
ΔP = Pressure drop (psi)

Model SS-726 Stainless Steel Y-Strainer		
Valve Size	Actual O.D.	C <sub>v</sub> Value
in mm	in mm	
2½ 65	2.875 73.0	92
3 80	3.500 88.9	162
4 100	4.500 114.3	284
6 150	6.625 168.3	770

## MATERIAL SPECIFICATIONS

### • 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 Gasket:

**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, 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)\*.

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

- (Option) **Grade "T" Nitrile** (Color code: Orange stripe) Recommended for petroleum products, air with oil vapors, vegetable and mineral oils within the specified temperature range. Also good for water services under +150°F (+66°C).  
Temperature range: -20°F to +180°F (-29°C to +82°C).  
**Do not use for HOT WATER above +150°F (+66°C) or HOT DRY AIR above +140°F (+60°C)**
- Other options: 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.

#### General Notes:

- **ASME/ANSI Pressure-Temperature Rating** is provided as an aid in selecting a proper coupling to incorporate with other piping components (valves, flanges, and etc.) that are used in the same system and carry the ASME/ANSI rating. Select a Class 150 coupling to incorporate with Class 150 valves and flanges.
- **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 stainless 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.

Job Name:	System No.	Location:
Contractor:	Approved:	Date:
Engineer:	Approved:	Date:

**Shurjoint** product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact **Shurjoint** Technical Service. **Shurjoint** reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligations to make such changes and modifications on **Shurjoint** products previously subsequently sold.