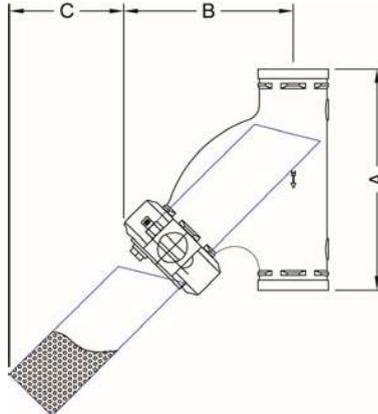


MODEL SS-726 STAINLESS STEEL Y-STRAINER

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

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	Kgs
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 – C_v Values

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

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

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

Model SS-726 Stainless Steel Y-Strainer

Valve Size	Actual O.D.	C _v Value
in	in	
mm	mm	
2½	2.875	92
65	73.0	
3	3.500	162
80	88.9	
4	4.500	284
100	114.3	
6	6.625	770
150	168.3	

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-pw EPDM (Color code: Double Green stripe) approved under NSF/ANSI 61 and NSF/ANSI 372 for potable water service to +180°F (+82°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 seat for water services are not recommended for steam services unless valves or components are accessible for frequent replacement.

- (Option) **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 seat for water services are not recommended for steam services unless valves or components are accessible for frequent 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 (MoS₂) coated.

- Type 316 Stainless steel track bolts to A193 B-8M with heavy duty nuts to ASTM B8M, Molybdenum disulfide (MoS₂) 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:

- **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.

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.