

## C726 Y-STRAINER for CTS

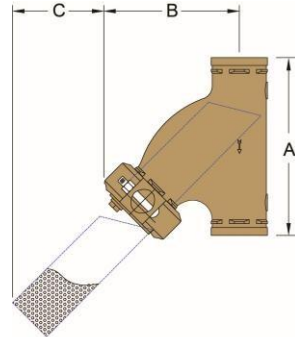


The Model C726 Grooved-end Y-Strainers are designed to strain debris and foreign matter from piping systems and thus provide inexpensive protection for costly pumps, meters and other components. The C726 Y-Strainer can be installed quickly and easily with two mechanical couplings and the straight flow 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 C726 Y-Strainer is suitable for vertical or horizontal installations.

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.

### material specification

- **Body, End Cap:**  
Bronze casting ASTM B584 UNS C83470.
- **Drain, Plug and Coupling Segments:**  
Ductile Iron ASTM A536, Gr. 65-45-12, Alkyd enamel in copper color.
- **Rubber Gasket:**  
Gr. "E-pw" EPDM (Color code: Double Green Stripes), Good for cold +86°F (+30°C) and hot +180°F (+82°C) potable water services. EPDM is UL classified per NSF/ANSI 61 and NSF/ANSI 372.  
For additional details contact Shurjoint.
- **Bolts & Nuts:**  
Heat-treated carbon manganese steel track bolts to ASTM A449-83a (or A183 Gr. 2), minimum tensile strength 110,000 psi (758 MPa), Zinc electroplated, with heavy-duty hexagonal nuts to ASTM A563.
- **Screen:**  
Stainless Steel Type 304 to ASTM A240. Factory's standard screen perforation is 16" (1.6 mm) or 1/8" (3.2 mm). Other perforations are available upon request.



Model C726 Y-Strainer

Nominal Size Run x Branch	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
2	2.125	300	8.75	6.38	3.18	½	8.8
50	54.0	20	222	162	81	15	4.0
2½	2.625	300	9.75	6.97	4.72	½	11.3
65	66.7	20	248	177	120	15	5.1
3	3.125	300	10.63	7.71	4.50	½	15.0
80	79.4	20	270	196	114	15	6.8
4	4.125	300	13.00	9.60	6.00	1	27.5
100	104.8	20	330	244	152	25	12.5
6	6.125	300	17.00	12.91	8.00	1	59.3
150	155.6	20	432	328	203	25	26.9

\*Working pressure is for connection with roll-grooved Type K copper tubing.

### 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.