

Fabricated Y Strainer



Y STRAINER

Carbon Steel / Stainless Steel / Casted Y-Strainers are available in 150 lb., 300 lb., & 600 lb. Flanged and Butt welded End connection

PART LIST

- ▶ Body Material – As required
- ▶ Connections – As required
- ▶ Screen Perforations – As required
- ▶ Special Features – As required

Casted Y Strainer



APPLICATION

Steam, water, oil or gas where filtration of foreign matter in a Pipeline is required.

MODEL

Y STR-STD-FA Strainers have covers as per ANSI standards, however model Y STR-EC- FA have covers designed by Teleflo to cater to different pressure and temperature requirements and thus are cost effective.

CONSTRUCTION

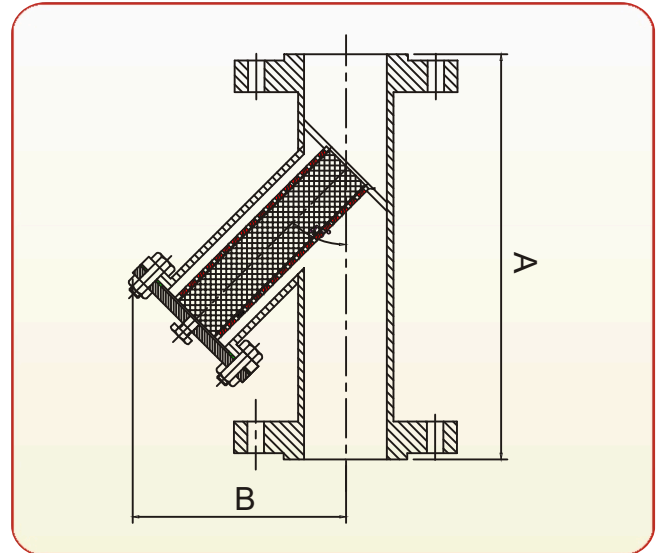
The Teleflo fabricated Y- type strainers are supplied with a bolted cover and are available with either flanged or butt weld connections.

FEATURES

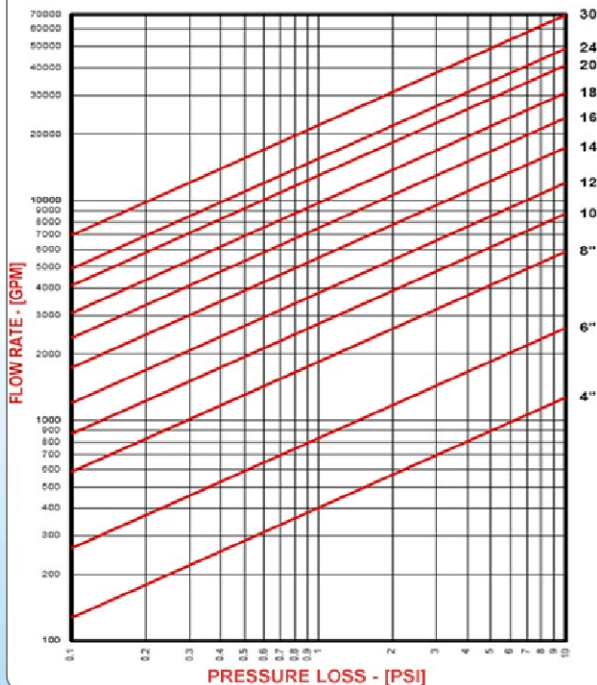
The strainer screens are piloted through the use of machined grooves in both the body and cover to ensure proper alignment. The cover gasket is designed for specific pressure and temperature ratings. Teleflo strainers have studs and nuts and are furnished with a blow down plug as standard. Blow down valve can be supplied on request.

Y STR-EC-FA

Pipe Size		A				B			
		150#		300#		150#		300#	
in	mm	in	mm	in	mm	in	mm	in	mm
1	25	7	175	8	200	5 1/2	140	6 1/2	150
2	40	8	200	9	225	6	150	6	165
2	50	11	270	12	300	7	170	7	180
2 1/2	65	11	280	12	310	8	200	8	210
3	80	12	300	13	325	8	200	8	210
4	100	14	350	15	375	10	250	11	275
6	150	18	450	19	475	13	330	14	350
8	200	20	500	21	525	16	400	17	375
10	250	22	550	23	580	18	450	19	475
12	300	24	600	24	610	20	500	21	525
14	350	25 1/2	650	27	680	22	550	24	600
16	400	32	800	32 1/2	825	25 1/2	650	26	670
18	450	36 1/2	925	37	950	26 1/2	675	28	710
20	500	40	1025	41	1050	27 1/2	700	28 1/2	725
24	600	43	1100	45	1150	28 1/2	725	29 1/2	750
30	750	45	1150	49	1250	29 1/2	750	32	800



PRESSURE DROP CHART



This Pressure drop chart is based on the flow of clean water through the Y type Strainers with 1/8" screen perforations.

FILTER ELEMENT

Standard screens are 6mm hole dia perforated 304 stainless Steel lined with 40 mesh FOR maximum strength. Different size Perforations and meshes are available in stainless steel, model, and brass to meet specific media requirements. The mesh screens are spot welded to strengthen the filter assembly.

SELF CLEANING

Self cleaning of Teleflo Y – type strainers are accomplished by opening the valve or drain plug connected to the blow off port. For additional maintenance details please read the installation and maintenance manual.

CORRECTION FACTORS

For finer mesh screens that are backed with a perforated sheet, multiply the pressure drops shown at left by the following 40 mesh x 1.2 60 mesh x 1.4 80 mesh x 1.6 100 mesh x 1.7

TO USE CHART

Find your desired rate of flow (GPM) on the right hand side of the chart. Follow its corresponding horizontal line to the point where it intersects the diagonal line indicating the strainer pipe size. From this point of intersection, follow the vertical line down to the bottom of the chart to determine the approximate pressure drop.

TELEFLO

STRAINERS AND PRESSURE VESSELS

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