

CONICAL LINE STRAINERS

Conical Line Strainers (Temporary Line Strainers, Whitch's Hat, or Top Hat)
 Usually a temporary device used to separate or remove oversize solids from a liquid or gas pipeline. Separation is done using either perforated, wire mesh, or a combination of the two. Catches most nuts, bolts and other construction debris upon start up of system.

PIPE SIZE	L	D2	B	F MIN	AREA (SQ/IN)	D1		
						150#	300#	600#
1.5	4	1 1/2	0.625	0.125	14	3 1/8	3 1/8	3 1/2
2	4 1/2	2	0.875	0.125	21	3 7/8	3 7/8	4 1/8
2.5	5 1/2	2 1/2	0.875	0.125	30	4 5/8	4 5/8	4 7/8
3	6 1/2	3	1	0.125	42	5 1/8	5 1/8	5 5/8
4	8 1/2	4	1.5	0.125	76	6 5/8	6 5/8	7 3/8
5	10 1/2	5	2	0.125	123	7 1/2	7 1/2	9 1/4
6	13	6	2 1/2	0.125	180	8 1/2	8 1/2	10 1/4
8	17	7 1/8	3	0.125	300	10 3/4	10 3/4	12 3/8
10	21	9 3/8	3 1/2	0.125	439	13 1/8	13 1/8	15 1/2
12	25	11 1/2	4	0.188	621	15 7/8	15 7/8	17 3/8
14	26	13 1/8	4	0.188	723	17 1/2	17 1/2	19 1/8
16	29 1/2	15 1/8	4	0.188	914	20	20	22
18	33	17 1/8	4	0.188	1129	21 3/8	21 3/8	23 7/8
20	37	19 1/8	4	0.188	1384	23 5/8	23 5/8	26 5/8
24	44	22	4	0.188	1847	28	28	30 7/8

NOTES:

- 1 Filtration area is greater than 400% of pipe cross sectional area
- 2 Available in any perforated pattern and/or wire mesh specification
- 3 150 PSI units designed for full line pressure differential
- 4 300 and 600 PSI units designed for 300 PSI pressure differential
- 5 Units can also be designed to withstand collapse pressure with cone upstream

Available in steel, 304 SS, 316 SS, and most other alloys

HOW TO ORDER

Pipe Line Size _____
 Flange Rating _____

Strainer Style A Perforated Only _____

	Hole Diameter	_____

B	Wire Mesh Only	_____
	Mesh Size (or opening size)	_____

C	Wire Mesh Inside	_____
	Perforated or Wire Mesh Outside	_____
	<i>(Pointing downstream)</i>	_____

D	Wire Mesh Outside	_____
	Perforated or Wire Mesh Inside	_____
	<i>(Pointing upstream)</i>	_____

What size particle do you want to remove? _____

Materials of Construction	304 SS	_____
	316 SS	_____
	Carbon Steel	_____
	Other	_____

Quantity _____

Upload File _____

Other information _____

Please provide as much information as possible so we can provide an accurate price quote.