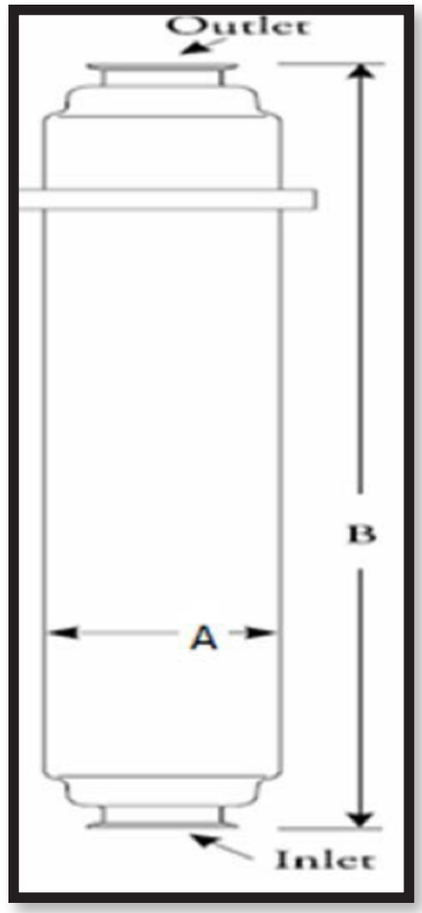
SANITARY SOLUTIONS INC.

Bulldog Fittings/Valves...Bulldog Tough.

Inline and Side Entry Filter/Strainer



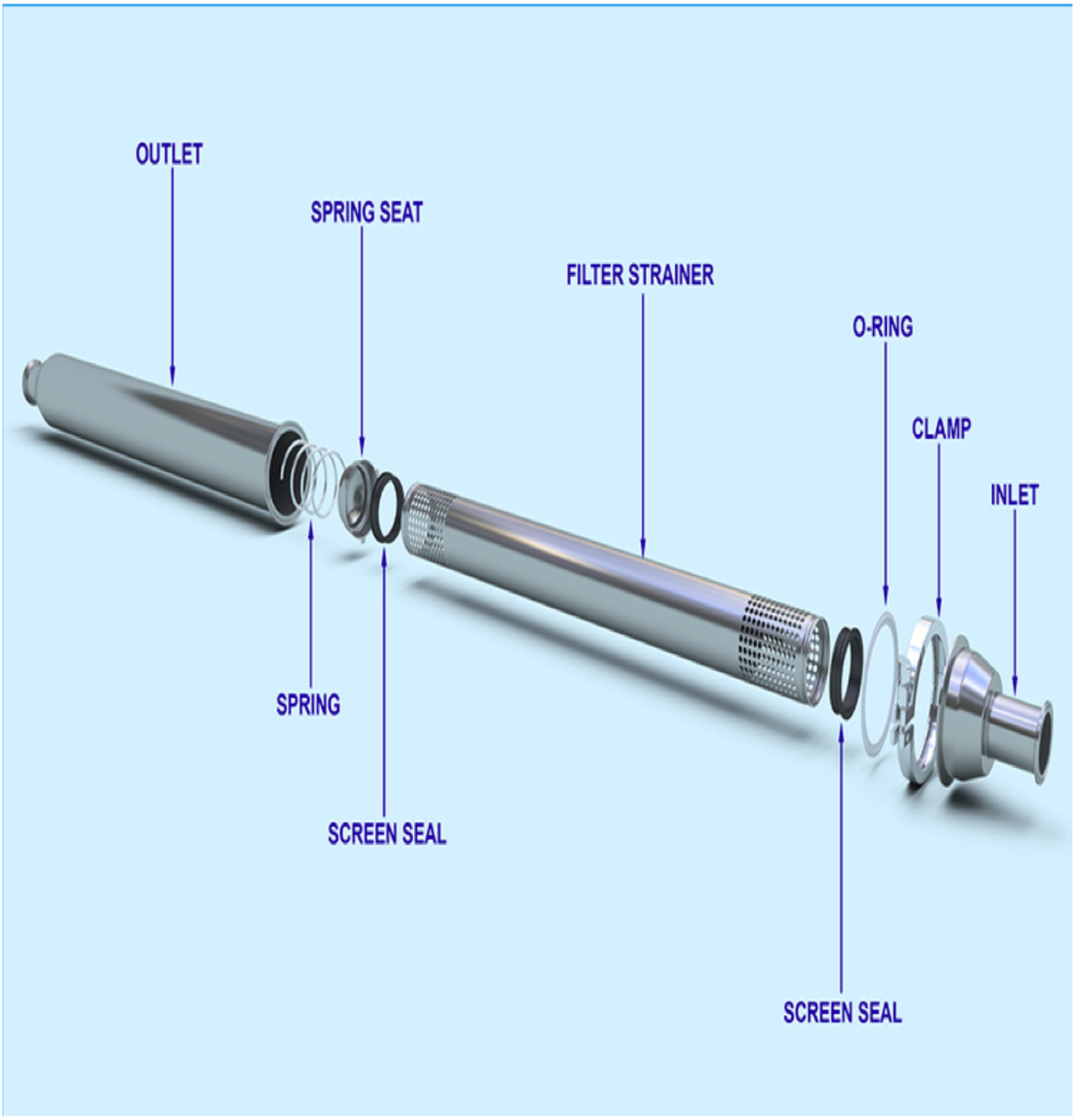
SHORT INLINE Filter/ Strainer Dimensions	Tube OD Size	Length (in.) A	Length (in.) B	Effective Filter Area
	1.5”	4.00	15.75	0.65
	2.0”	4.00	15.75	0.65
	2.5”	4.50	15.75	0.75
	3.0	4.50	15.75	0.75

Part Number: SSSILS-Size-316L

LONG INLINE Filter/ Strainer Dimensions	Tube OD Size	Length (in.) A	Length (in.) B	Effective Filter Area
	1.5”	4.00	35.38	0.65
	2.0”	4.00	35.38	0.65
	2.5”	4.50	35.38	0.75
	3.0	4.50	35.38	0.75

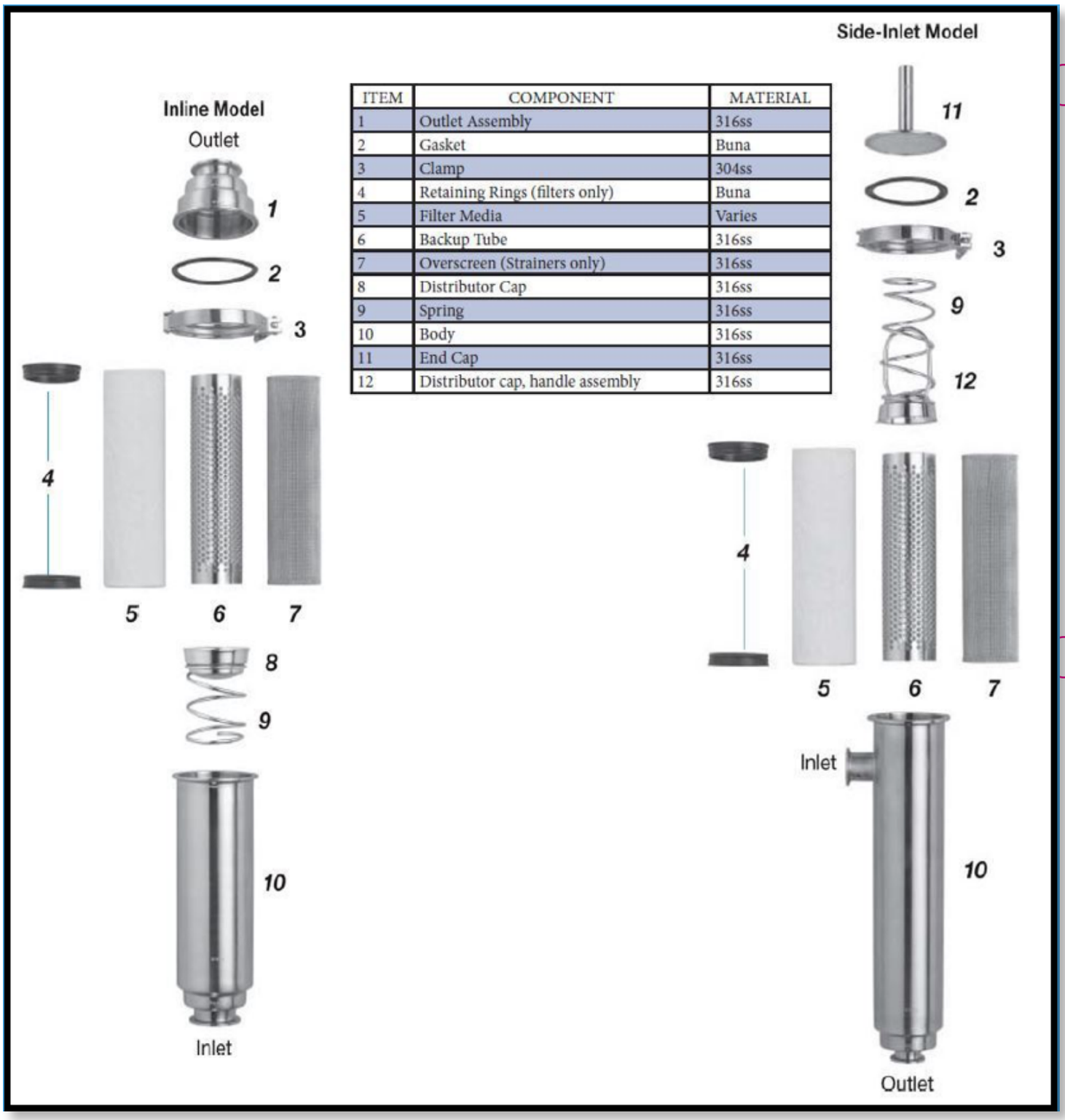
Part Number: SSSLIS-Size-316L

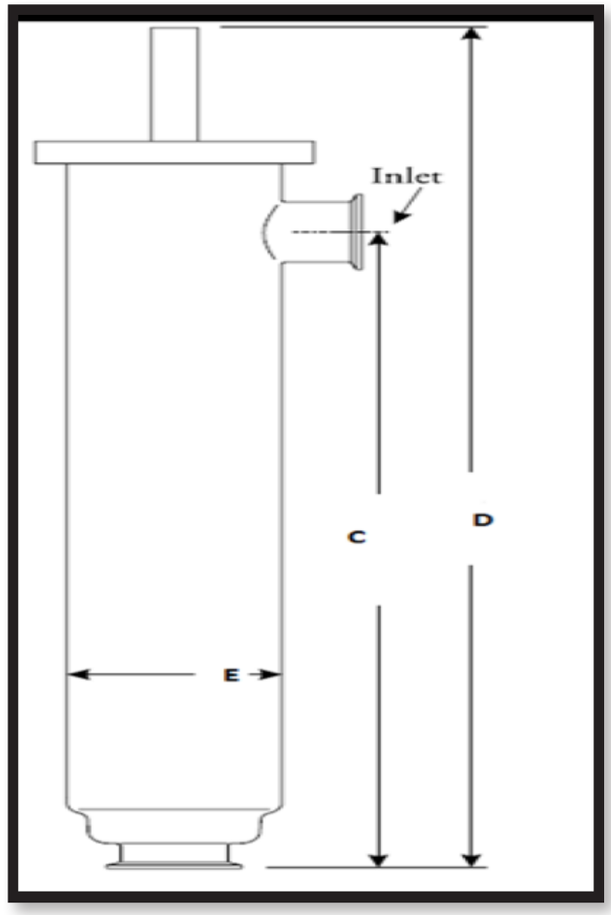
In-Line Filter/Strainer Breakdown



In-Line & Side Outlet Parts Breakdown

ITEM	COMPONENT	MATERIAL
1	Outlet Assembly	316ss
2	Gasket	Buna
3	Clamp	304ss
4	Retaining Rings (filters only)	Buna
5	Filter Media	Varies
6	Backup Tube	316ss
7	Overscreen (Strainers only)	316ss
8	Distributor Cap	316ss
9	Spring	316ss
10	Body	316ss
11	End Cap	316ss
12	Distributor cap, handle assembly	316ss





SHORT SIDE ENTRY Filter/ Strainer Dimensions	Tube OD Size	Length (in.) C	Length (in.) D	Length (in.) E	Effective Filter Area
	1.5”	15.75	22.25	4.00	0.65
	2.0”	15.75	22.25	4.00	0.65
	2.5”	15.75	22.25	4.50	0.75
	3.0	15.75	22.25	4.50	0.75

LONG SIDE ENTRY Filter/ Strainer Dimensions	Tube OD Size	Length (in.) C	Length (in.) D	Length (in.) E	Effective Filter Area
	1.5”	35.38	41.75	4.00	0.65
	2.0”	35.38	41.75	4.00	0.65
	2.5”	35.38	41.75	4.50	0.75
	3.0	35.38	41.75	4.50	0.75

Part Number: SSSSES-Size-316L

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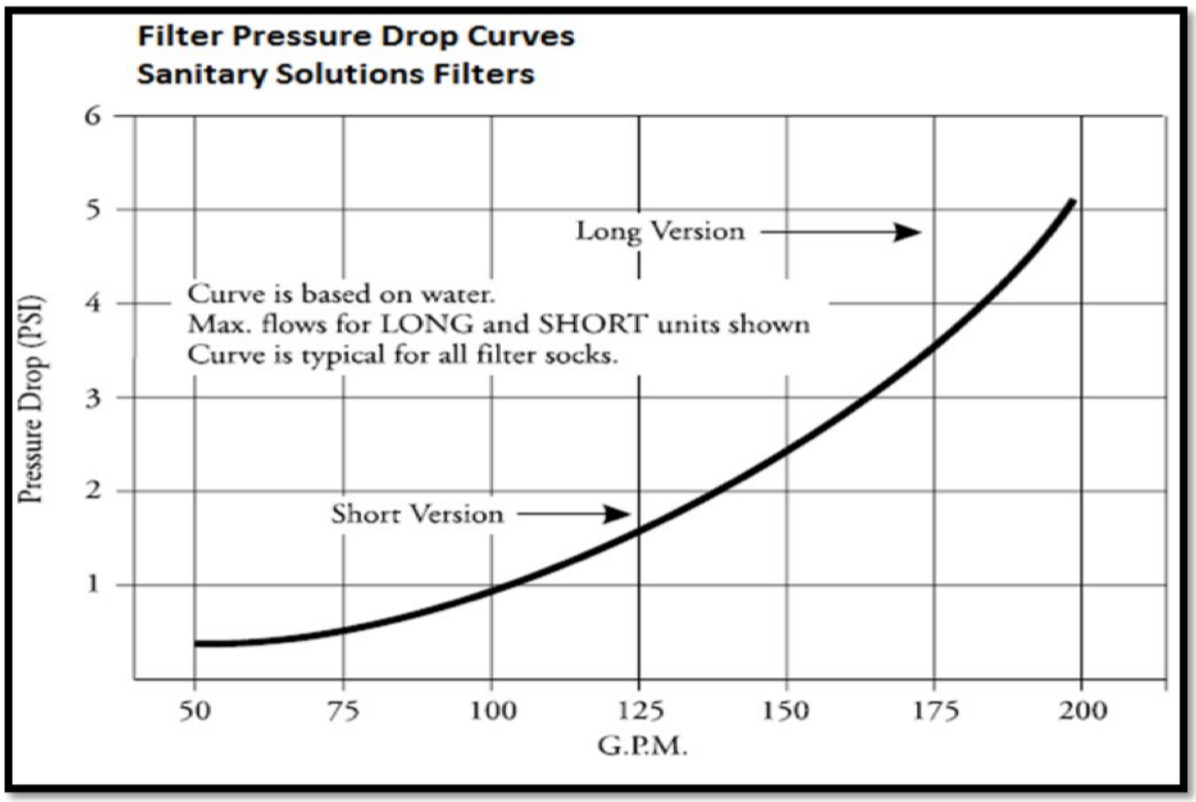
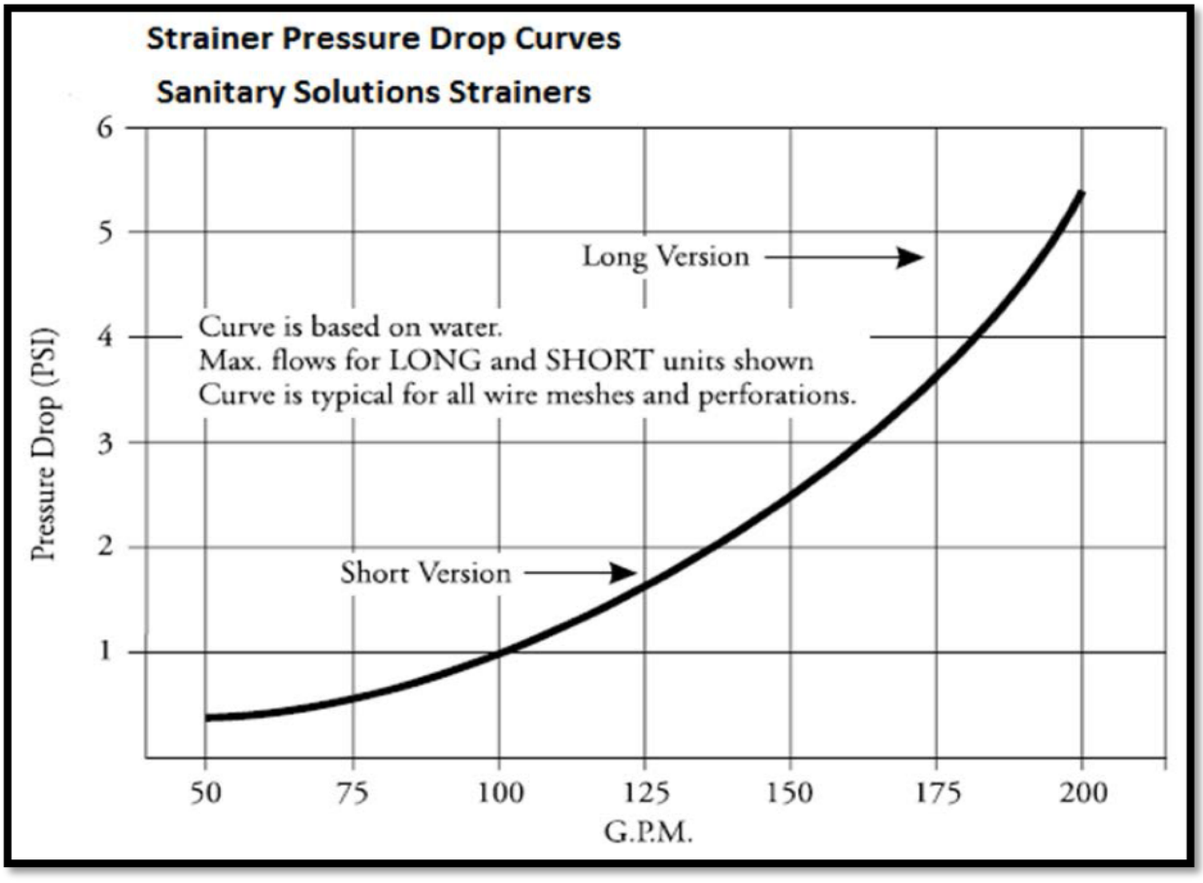
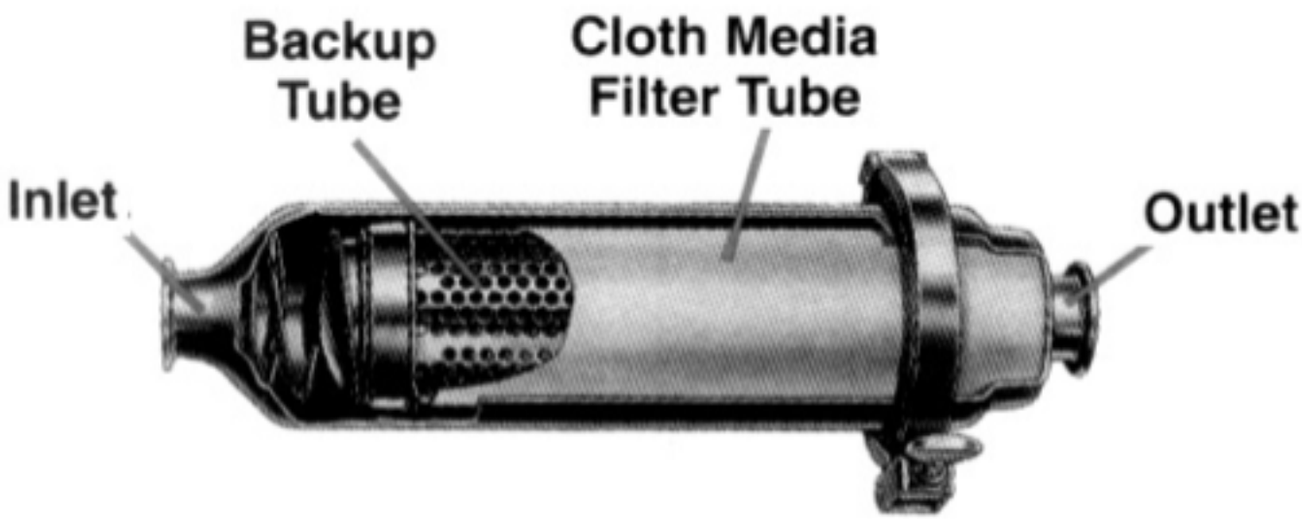

Filter Pressure Drop Curves
Sanitary Solutions Filters
Pressure Drop (PSI)
6
5
4
3
2
1
Long Version
Curve is based on water.
Max. flows for LONG and SHORT units shown
Curve is typical for all filter socks.
Short Version
50
75
100
125
150
175
200
G.P.M.


Strainer Pressure Drop Curves
Sanitary Solutions Strainers
Pressure Drop (PSI)
6
5
4
3
2
1
Long Version
Curve is based on water.
Max. flows for LONG and SHORT units shown
Curve is typical for all wire meshes and perforations.
Short Version
50
75
100
125
150
175
200
G.P.M.

Filters in rayon,
cotton,cheesecloth, nylon,
Stainless Steel overscreens
in (2) perforations
Body Gasket
Body Clamp
Retaining Ring
Back-up tube
Retaining Ring
Distributor Cap
and Spring


Backup
Tube
Cloth Media
Filter Tube
Inlet
Outlet

WIRE CLOTH MESH SCREENS

Screen part #	Space Between Wires (in.)	Square Mesh	Micron Rating	Percent of open Area
WCMOS-20	0.034	20	864	46.20
WCMOS-30	0.021	30	533	40.80
WCMOS-40	0.015	40	381	36.00
WCMOS-60	0.009	60	229	30.30
WCMOS-80	0.007	80	178	31.40
WCMOS-100	0.006	100	140	30.30

*Note: Sanitary Solutions does not stock all the above sizes, please call us. Not included with base unit.

Single Screened Perforated Metal Strainer

Screen Part #	Port Connections	Gauge	Hole Diameter (in.)	Holes per Square Inch	% of Open area
SSPMS-14-1/4	1.5", 2"	14	¼"/.250	9	58
SSPMS-12-1/4	2.5", 3"	12	¼"/.250	9	58

Note: 1/8"/0.125-hole diameter & 3/32/0.093 perforated back up tubes available upon request

Filter Replacement

Sanitary Solutions Part #	Description	Estimated Micron Rating
NWR-38	Non-Woven Rayon	38
WKCF-513	Woven knapped Cotton Flannel	513
N-765	Cheese Cloth, Single thickness Nylon, 26/29 mesh, rectangular opening, (.025" x.030")	765
NWR-40-42	Non-woven Rayon	40--42
NWR-40	Non-woven Rayon	≤ 40
WN-420	Woven Nylon, 40 Mesh	420

BENEFITS

316L SS Body

Zero Pressure Drop

Compact Design

1.5”, 2”, 3” 4”

(S I Z E S)

1/8” or ¼”

Perforations

(In Stock)

EPDM Gasket (Standard)
Suction Side Installation

Tube OD (SIZE)	A	Tee Length	Weight	Part Number
1.5”	1/8” or ¼”	5.50”	0.63	SSTS-SIZE-1/8-1/4-316L
2”	1/8” or ¼”	7.00”	1.35	SSTS-SIZE-1/8-1/4-316L
2.5”	1/8” or ¼”	7.00”	1.50	SSTS-SIZE-1/8-1/4-316L
3”	1/8” or ¼”	7.50”	2.45	SSTS-SIZE-1/8-1/4-316L
4”	1/8” or ¼”	9.00”	3.80	SSTS-SIZE-1/8-1/4-316L

Note: 1/8” & ¼” Replacement Tee Strainer Inserts are in Stock

Filter/Strainers Answer Sheet

Sanitary Solutions Inline and Side Entry Filters and Strainers T316L are designed to remove particles from your line or from product such as a gas or liquid.
As for the most common questions, take a moment to review:
What is a Filter? A T316L device with a disposable material and specific micron sizes for the removal of smaller or fine particles from a given liquid.
***Note: Filters aren't intended to remove impurities or odors and the disposable material should be removed and sent packing periodically. ***

What is a Strainer? Strainers are cousins to the filters, made to remove the larger particles from a given liquid, and are reusable not disposable which saves the customer.
***Note: Strainers can be supplied with Fine, Medium or coarse straining. In fact, our strainers are interchangeable with other comparable strainers. ***

What are the product applications? Tomato Paste, Puddings, Jams, Baby Foods, Soups, Salad Dressings and Mayonnaise to name a few in the Food Industry. Beer, Yeast, Fruit Concentrates, Soft Drinks, Milk, and Ice Cream in the Beverage and Dairy Industries.
Soaps and Detergents in the Cosmetic Industries. Brine in the Poultry or Meat Industries. Chemicals, Inks, Paints, Photographic Solutions and Resins in the Industrial Community.

We, at Sanitary Solutions, stock a full line of Sanitary Filters and Strainers to meet your needs when they arise. Please feel free to call us at **1-888-909-3569 or 1-855-640-7871** to answer any questions, check stock, and supply you with a strainer that interchanges with other comparable strainers and strainer parts in our industry.

E-Mail Confirmation with Tracking Number to you