



10 bar
operating pressure

3 to 600 l/min
volume flow rate

DN10 to DN65
connections

1,5 to 150 °C
operating temperature range

stainless steel 1.4404
material

DESCRIPTION

SFL stainless steel sterile filter housings have been specifically developed for liquid filtration applications.

To meet the required liquid purity, appropriate filter element must be installed into filter housing.

For any other technical gas/ liquid, please contact us or your local dealer.

SFL process filter housing can be used in variety of applications. For applications not listed please contact producer or your local dealer.

APPLICATIONS

- Biotechnology
- Breweries
- Chemical industry
- Dairies
- Fermentation processes
- Food and beverage industry
- Hospitals

SFL SERIES

STAINLESS STEEL STERILE FILTERS FOR LIQUIDS





TECHNICAL DATA

Filter housing size	Pipe size	Operating pressure	Flow rate at 7 bar(g), 20 °C		Dimensions [mm]				Mass kg
	inch		bar/psi	l/min	gpm	A	B	C	
SFL 003	DN10	10/145	3	0,8	260	110	76,1	90	1,2
SFL 008	DN10	10/145	8	2,1	323	110	76,1	90	1,4
SFL 012	DN25	10/145	12	3,2	396	220	114,3	105	4,4
SFL 025	DN25	10/145	25	6,6	530	220	114,3	105	5,1
SFL 050	DN25	10/145	50	13,2	775	220	114,3	105	6,4
SFL 075	DN25	10/145	75	19,8	1.019	220	114,3	105	7,8
SFL 080	DN40	10/145	80	21,1	680	320	168,3	192	16
SFL 150	DN40	10/145	150	39,6	930	320	168,3	192	18
SFL 225	DN40	10/145	225	59,4	1.200	320	168,3	192	20
SFL 250	DN50	10/145	250	66	960	400	219,1	165	24
SFL 375	DN50	10/145	375	99	1.210	400	219,1	165	27
SFL 400*	DN65	10/145	400	106	980	500	323,9	175	36
SFL 600*	DN65	10/145	600	159	1.230	500	323,9	175	41

CORRECTION FACTORS

Operating pressure [bar]	2	3	4	5	6	7	8	9	10
Operating pressure [psi]	29	44	58	72	87	100	115	130	145
Correction factor	0,38	0,50	0,63	0,75	0,88	1	1,13	1,25	1,38

Flow capacity based on water.

Standard is BSP pipe connection, other pipe connection on request.

* Max. operating pressure for liquids is 7 bar; 3 bar for saturated steam.

