

5000 PSIG Pressure Filters

S1IL

The S1IL is often used on specialty gas analyzers or to remove particulate contamination from bottled gases.



Finite's S1IL particulate filter is typically applied in bottled gas applications or for sample preparation on gas analyzing equipment. It does not have a drain port and should only be used when little or no liquid contamination is expected. Though small in size, the S1IL is perfect for applications with elevated pressures or corrosive atmospheres and offers the availability of a high temperature element. Three high efficiency particulate elements are available for temperatures rated up to 400°F.

Specifications:

Model Number	Port Size (NPT)	Max. Pressure	Max. Temp. for each Element Type	Materials of Construction			Seals	Sump Capacity	Weight	Dimensions	
				Head	Internals	Bowl				Length	Width
S1IL	1/4"	5000 PSIG (345 bar)	400°F (T) 350°F (G) 275°F (F)	316 Stainless Steel	316 Stainless Steel	316 Stainless Steel	Fluoro-carbon	None	0.75 lbs. (0.34 kgs.)	3.10" (78.74mm)	1.25" (31.75mm)

Flow Rates (SCFM):

Filter Housing Model	Media Grade	100 PSIG	1000 PSIG	1500 PSIG	2000 PSIG	2500 PSIG	3000 PSIG	3500 PSIG	4000 PSIG	4500 PSIG	5000 PSIG
S1IL	4	3.6	32	48	63	79	95	110	126	142	158
	6	4.7	42	62	83	103	124	144	165	185	206
	8	5.2	46	69	91	114	137	159	182	205	228
	10	5.7	51	75	100	125	150	175	200	224	249

How to Order:

	Media Grade	Media Type	Element Size
S 1 I L -	4 6 8 10	T G F	04-013

Example: S1IL-8G04-013

How to Order Replacement Elements:

Elements available:

*T04-013 X 10

*G04-013 X 10

*F04-013 X 10

* insert grade: 4, 6, 8, 10

For more information on element selection, please see pages 6-7.

Elements are sold in box quantities of 10.