

31 Series *In-Line Filters*



- ▶ Flows up to 40 GPM
- ▶ Up to 6,000 PSI
- ▶ Available in 303, 316 (3K) and 17-4PH (6K)
- ▶ Stainless Steel Housings
- ▶ Various Micron Ratings Available

IN-LINE FILTERS

ELEMENT OPTIONS

304 Stainless Steel

10 - 150 Micron Abs.
-320°F to +550°F
Re-Cleanable

316 Porous Sintered

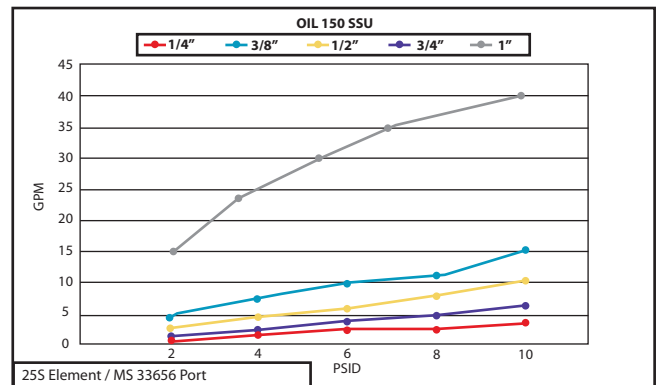
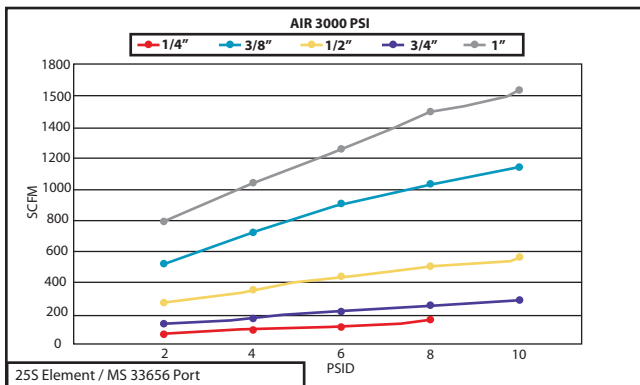
.2 - 20 Abs.
Max Operating 1,300°F
Disposable

Micro Glass

1 - 12 Abs.
-70°F to +350°F
Disposable

TECHNICAL INFORMATION

Replacement Element Number 31E			Replacement Element Number 32E			Replacement Element Number 33E			Replacement Element Number 34E			Replacement Element Number 35E		
1" Hex			1 1/2" Hex			1 1/2" Hex			2" Hex			2 3/8" Hex		
Threads	Size	O.A.L.	Threads	Size	O.A.L.	Threads	Size	O.A.L.	Threads	Size	O.A.L.	Threads	Size	O.A.L.
NPT	1/8	4.81	NPT	1/8	4.75	NPT	1/4	6	NPT	1/2	7.75	NPT	3/4	8.75
MSAE	1/4	4.12	MSAE	3/8	4.25	MSAE	1/2	5.5	MSAE	3/4	7	MSAE	1	8.25
FSAE	-4	4.81	FSAE	-6	4.75	FSAE	-8	6	FSAE	-12	7.75	FSAE	-16	8.75
37° Flare	-4	4.12	37° Flare	-6	4.25	37° Flare	-8	5.5	37° Flare	-12	7	37° Flare	-16	8.25
AS5202	-4	4.81	AS5202	-6	4.75	AS5202	-8	6	AS5202	-12	7.75	AS5202	-16	8.75
Face Seal	-4	4.12	Face Seal	-6	4.25	Face Seal	-8	5.5	Face Seal	-12	7	Face Seal	-16	8.25
Oil @ 150SSU - 2.5 GPM			Oil @ 150SSU - 6 GPM			Oil @ 150SSU - 10 GPM			Oil @ 150SSU - 16 GPM			Oil @ 150SSU - 40 GPM		
Air @ 100psig - 15 SCFM			Air @ 100psig - 40 SCFM			Air @ 100psig - 75 SCFM			Air @ 100psig - 195 SCFM			Air @ 100psig - 340 SCFM		
Air @ 3000psig - 155 SCFM			Air @ 3000psig - 295 SCFM			Air @ 3000psig - 550 SCFM			Air @ 3000psig - 1150 SCFM			Air @ 3000psig - 1625 SCFM		
Element Area - 8.5 in ²			Element Area - 15 in ²			Element Area - 25 in ²			Element Area - 60 in ²			Element Area - 101 in ²		



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CHASE FILTERS
AND COMPONENTS

31 Series How to Order

Example Part Number

A	B	C	D	E	F	G	H		
31	S	-	2	P	2	P	-	10S	V

Section A	Description	Code		
Filter Series	In-Line Filters	31		
Section B				
Housing Material & Pressure	303 SS - 3000 PSI	S		
	17-4 PH SS - 6000 PSI	P		
	316 SS - 3000 PSI	T		
Section C				
Inlet Port Size	1/8"	2		
	1/4"	4		
	3/8"	6		
	1/2"	8		
	3/4"	12		
	1"	16		
Section D				
Inlet Port Type	FNPT	P		
	FSAE	S		
	MSAE	M		
	37° Flare	T		
	AS5202	A		
	O-Ring Face Seal	F		
Section E				
Outlet Port Size	1/8"	2		
	1/4"	4		
	3/8"	6		
	1/2"	8		
	3/4"	12		
	1"	16		
Section F				
Outlet Port Type	FNPT	P		
	FSAE	S		
	MSAE	M		
	37° Flare	T		
	AS5202	A		
	O-Ring Face Seal	F		
Section G				
Micron Rating/ Material	316 Sintered SSTL 2000 PSID	0.2	.2P	
	316 Sintered SSTL 2000 PSID	0.7	.7P	
	316 Sintered SSTL 2000 PSID	2	2P	
	316 Sintered SSTL 2000 PSID	5	5P	
	Microglass 3250 PSID	3	3M	
	Microglass 3250 PSID	6	6M	
	Microglass 3250 PSID	12	12M	
	304 SSTL 4500 psid	2	10	10S
	304 SSTL 4500 psid	5	18	18S
	304 SSTL 4500 psid	10	25	25S
	304 SSTL 4500 psid	20	40	40S
	304 SSTL 4500 psid	40	75	75S
	304 SSTL 4500 psid	100	150	150S
	Section H			
	O-Ring Material	Buna	N	
Viton®		V		
EPR		E		
Teflon®		T		
Kalrez®		K		
Teflon Encapsulated Viton		S		

Replacement Element

See Chart	2	G	H
31	E	-	25S
			N

Section A	Description	Code
Element Size	Replacement Element - See Specification Chart	31
Element		E
Section G		
Micron Rating	See Section G Above For Code	25S
Section H		
O-Ring	See Section H Above For Code	N