

31 SERIES IN-LINE FILTERS



Up to 6,000 PSI

Available in 303, 316, and 17-4PH

Stainless Steel Housings

Various micron ratings available



ELEMENT OPTIONS

304 Stainless Steel

10 - 150 micron abs.
-320°F to +550°F
Re-cleanable

316 Porous Sintered

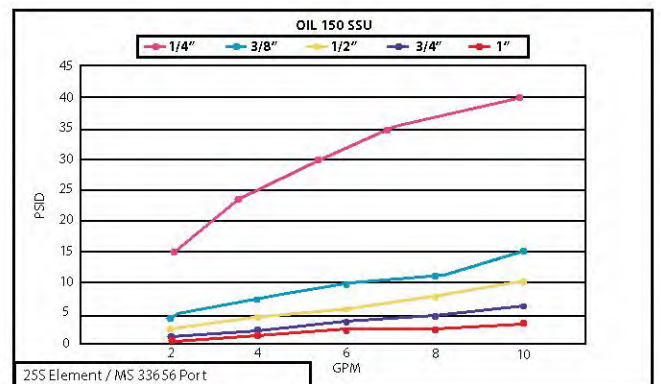
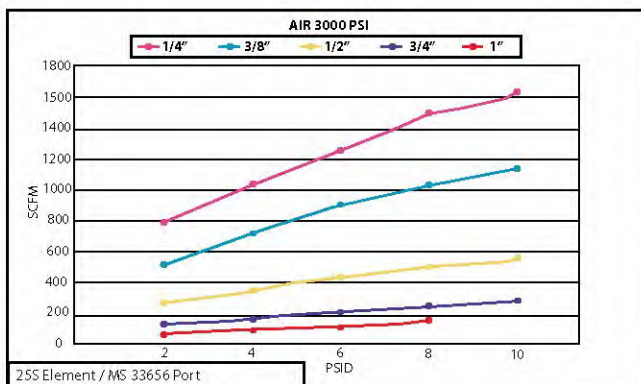
.2 - 20 abs.
Max operating 1,300°F
Disposable

Micro Glass

3 - 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.	Thread	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
ASS202	-4	4.81	ASS202	-6	4.75	ASS202	-8	6	ASS202	-12	7.75	ASS202	-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
Rated Flow			Rated Flow			Rated Flow			Rated Flow			Rated Flow		
Oil @ 150SSU – 2.5GPM Air @ 100psig – 15SCFM Air @ 3000psig – 155 SCFM Element Area – 8.5 in ²			Oil @ 150SSU – 6 GPM Air @ 100psig – 40SCFM Air @ 3000psig – 295 SCFM Element Area – 15 in ²			Oil @ 150SSU – 10GPM Air @ 100psig – 75SCFM Air @ 3000psig – 550 SCFM Element Area – 25 in ²			Oil @ 150SSU – 16GPM Air @ 100psig – 195SCFM Air @ 3000psig – 1150 SCFM Element Area – 60 in ²			Oil @ 150SSU – 40GPM Air @ 100psig – 340CFM Air @ 3000psig – 1625 SCFM Element Area – 101 in ²		



31 SERIES HOW TO ORDER

Example Part Number

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

Replacement Element:
Description

See Chart	2	G	H
31	E	-	25S
			N

Element Size	Replacement Element - See Specification Chart			31
Element	E			
Section G	See Section G Above For Code			25S
Section H	See Section H Above For Code			N