

# HY31 Series *In-Line Filters*

Refer to our website for 3D + Step Drawing



- › Flows up to 5500 SCFM
- › Available in 316 (3K) and Nitronic 50 (Up to 10K)
- › Contact Factory for Special Pressure Ratings
- › Various Micron Ratings Available

IN-LINE FILTERS

## ELEMENT OPTIONS

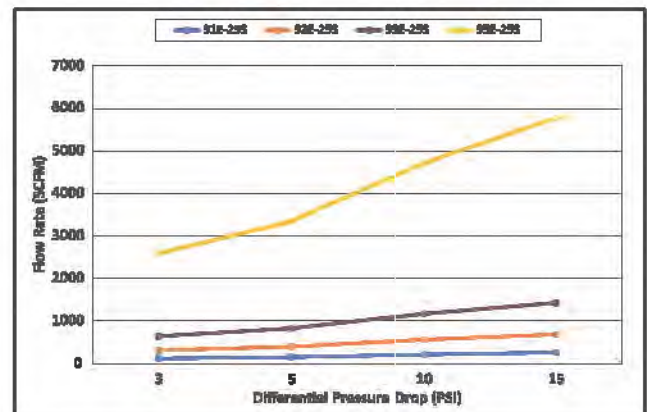
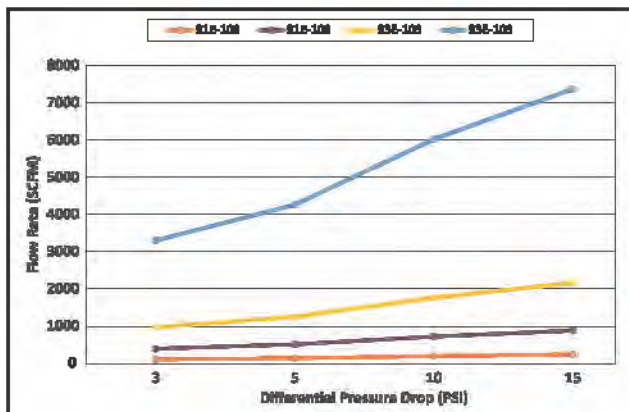
**304 Stainless Steel**  
10 to 150 Micron Abs.  
-320°F to +550°F  
Re-Cleanable

**Micro Glass**  
1 to 25 Abs.  
-70°F to +250°F  
Disposable

**316 Sintered SSTL**  
.2 to 200 Micron Abs.  
-320°F to +550°F

## SPECIFICATION CHART

Replacement Element Number 31E			Replacement Element Number 32E			Replacement Element Number 33E			Replacement Element Number 35E		
1.25" Round			1.75" Round			1.75" Round			2.5" Round		
Threads	Size	O.A.L.	Threads	Size	O.A.L.	Threads	Size	O.A.L.	Threads	Size	O.A.L.
37° Flare	-4	4.12	37° Flare	-6	4.25	37° Flare	-8	5.5	37° Flare	-16	8.25
Face Seal	-4	4.12	Face Seal	-6	4.25	Face Seal	-8	5.5	Face Seal	-16	8.25
FSAE	-4	4.81	FSAE	-6	4.75	FSAE	-8	6.0	FSAE	-16	8.75
MSAE	-4	4.12	MSAE	-6	4.25	MSAE	-8	5.5	MSAE	-16	8.25
Element Area — 8.5in <sup>2</sup>			Element Area — 15in <sup>2</sup>			Element Area — 25in <sup>2</sup>			Element Area — 121in <sup>2</sup>		
316 SS	Max	3,000PSI	316 SS	Max	3,000PSI	316 SS	Max	3,000PSI	316 SS	Max	3,000PSI
N50	Max	10,000PSI	N50	Max	10,000PSI	N50	Max	10,000PSI	N50	Max	7,500PSI



# HY31 Series How to Order

## Example Part Number

A	B	C	D	E	F	G	H		
HY31	T	-	2	T	2	T	-	10S	V

Section A	Description	Code
Filter Series	In-Line Filters	31

Section B	Description	Code
Housing Material	316 SS - 3,000 PSI	T
& Pressure	Nitronic 50 - 10,000 PSI*	N

\*See Specification Chart

Section C	Description	Code
Inlet Port Size	1/8"	2
	1/4"	4
	3/8"	6
	1/2"	8
	3/4"	12
	1"	16

Section D	Description	Code
Inlet Port Type	37° Flare	T
	FSAE	S
	MSAE	M

Section E	Description	Code
Outlet Port Size	1/8"	2
	1/4"	4
	3/8"	6
	1/2"	8
	3/4"	12
	1"	16

Section F	Description	Code
Outlet Port Type	37° Flare	T
	FSAE	S
	MSAE	M

Section G	Material	Micron/Nom	Micron/Abs
Micron Rating/ Material	316 Sintered SSTL	0.2	.2P
	316 Sintered SSTL	0.7	.7P
	316 Sintered SSTL	2	2P
	316 Sintered SSTL	5	5P
	Microglass 3250 PSID	1	1M
	Microglass 3250 PSID	3	3M
	Microglass 3250 PSID	6	6M
	Microglass 3250 PSID	12	12M
	304 SSTL 4500 PSID	2	10S
	304 SSTL 4500 PSID	5	18S
	304 SSTL 4500 PSID	10	25S
	304 SSTL 4500 PSID	20	40S
	304 SSTL 4500 PSID	40	75S
	304 SSTL 4500 PSID	100	150S

Section H	Description	Code
O-Ring Material	Buna	N
	Viton®	V
	EPR	E
	Teflon® (Consult Factory)	T
	Chemraz®	C
	BUTYL	B
	EO540 Parker	PE
	Urethane	U

## 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	Description	Code
Micron Rating	See Section G Above For Code	25S

Section H	Description	Code
O-Ring	See Section H Above For Code	N