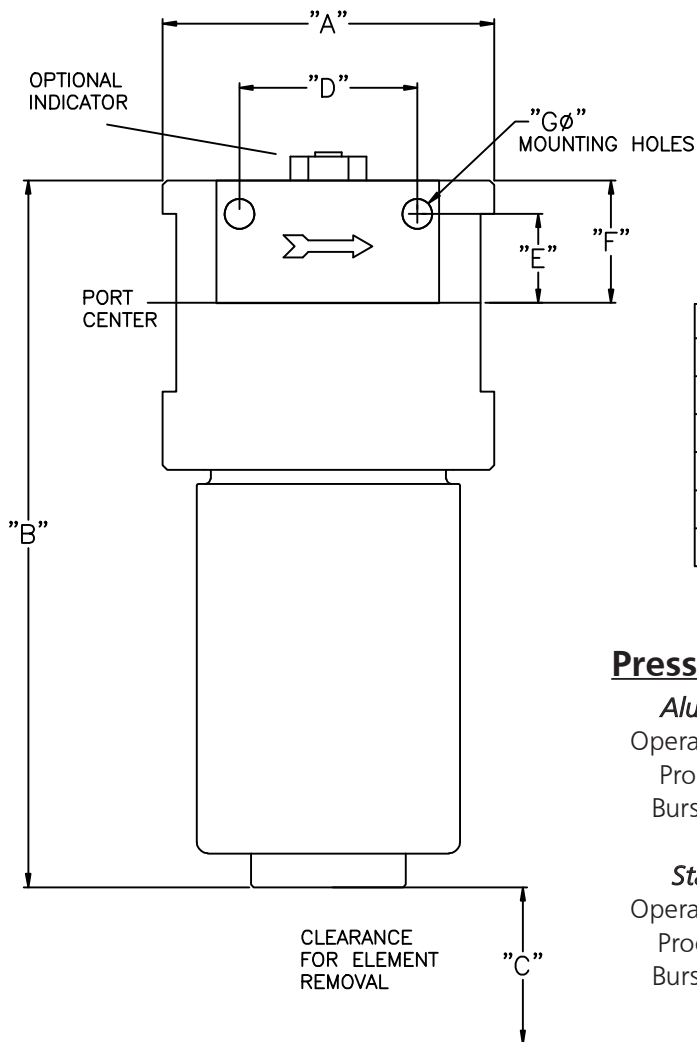


51 Series Tee-Type Filters (5K, 6K)



- ▶ Available in Aluminum (5K), 303 Stainless (6K) and 316 Stainless (6K)
- ▶ Flows up to 50 GPM or 4,000 SCFM
- ▶ Various Micron Ratings Ranging from .1 to 1000 Available in Cellulose, Stainless Steel, Micro Glass and Porous Sintered Stainless Steel
- ▶ Port Sizes Range from 1/4" to 1 1/2" FNPT and 1/2" to 1 1/2" FSAE

TEE-TYPE FILTERS



Optional Accessories

Visual Indicator Setting: 40 PSID

Relief Valve Setting: 50 PSID

Bowl Drain: 1/8" and 1/4" FNPT and FSAE

Gauge Ports: 1/8" and 1/4" FNPT and FSAE

DIMENSIONS

A	GPM SIZE	B	C	D	E	F	G	EL. SIZE
3.75	10	7.95	4.8	2.0	1.0	1.38	.345	51E
3.75	16	9.84	6.7	2.0	1.0	1.38	.345	52E
3.75	24	10.64	7.4	2.0	1.0	1.38	.345	53E
5.0	35	11.61	7.4	2.25	1.38	1.88	.40	54E
5.0	50	14.20	9.9	2.25	1.38	1.88	.40	55E

Pressure Ratings

Aluminum (5K)

Operating: 5,000 PSI

Proof: 7,500 PSI

Burst: 20,000 PSI

Stainless (6K)

Operating: 6,000 PSI

Proof: 9,000 PSI

Burst: 24,000 PSI

Temperature Ratings

Elements

Cellulose -60°F to +270°F

Micro Glass -65°F to +325°F

Stainless -425°F to +1000°F

Sintered -425°F to +1000°F

O-Rings

Buna -40°F to +250°F

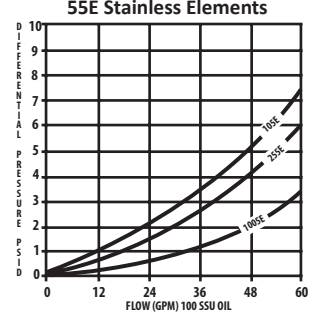
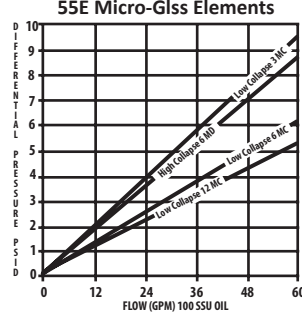
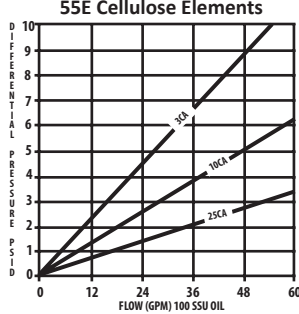
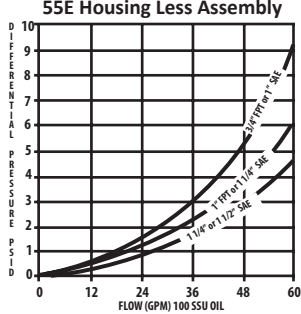
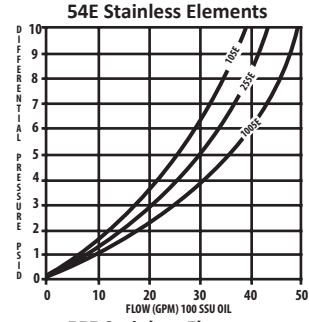
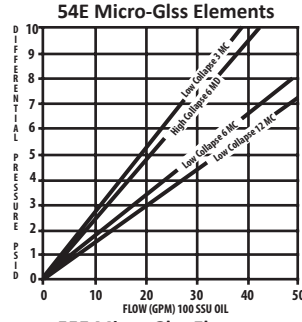
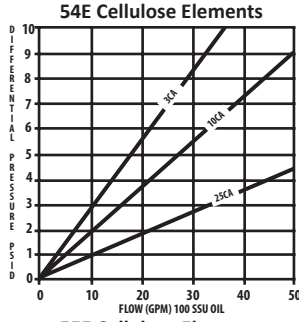
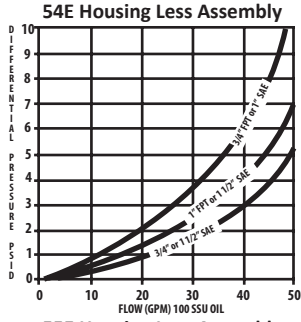
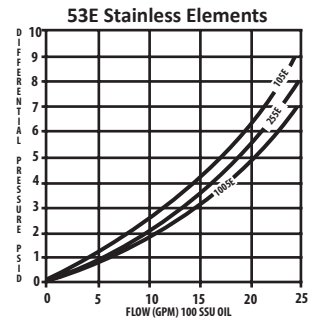
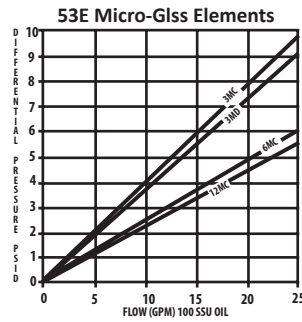
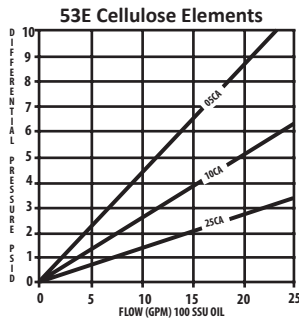
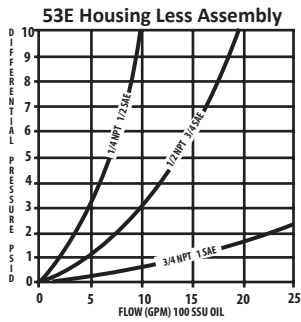
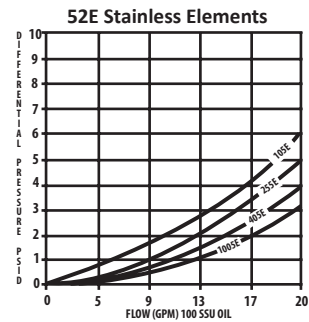
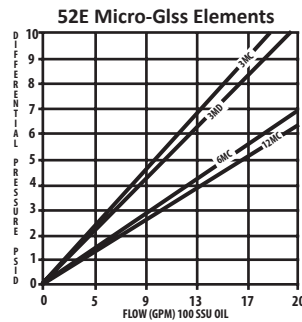
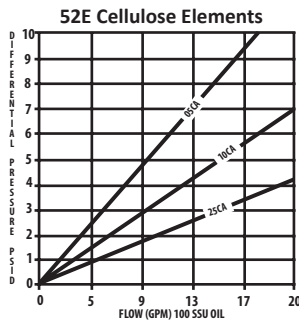
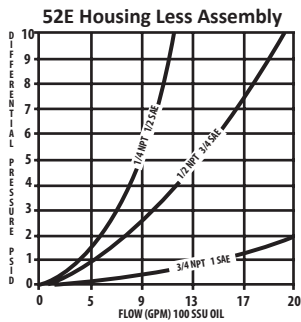
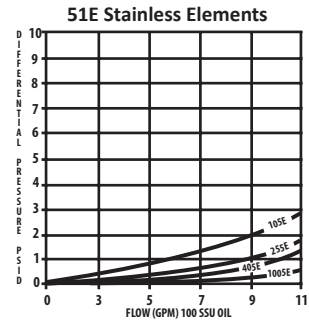
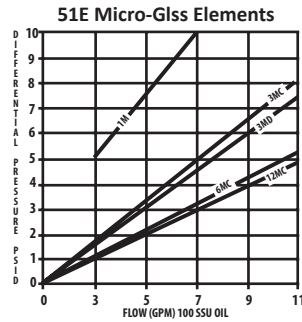
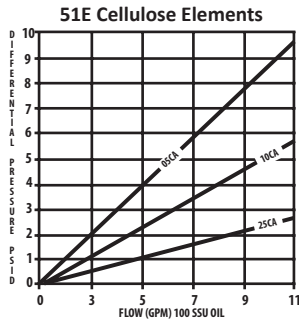
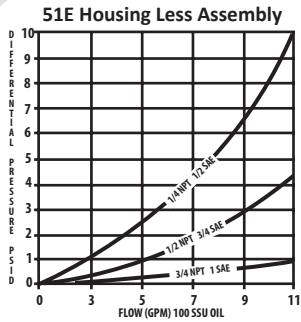
Viton -20°F to +400°F

EPR -60°F to +400°F

Kalrez -40°F to +550°F

Teflon Encapsulated Viton -4°F to +400°F

Flow Data (Pressure Drop vs. Flow)



51 Series How to Order

Example Part Number

Optional

	A	B	C	D	E	F	G	H	I	J	K			
	51	S	-	10	4	S	-	25S	E	N	-	V	B2	B2S
Section A	Description			Code										
Filter Series	Tee-Type Filters up to 6000 PSI			51										
Section B														
Housing Material & Pressure	Aluminum 5000 PSI			A										
	303 Stainless 6000 PSI			S										
	316 SS - 6000 PSI			T										
Section C	Element Size													
Flow - GPM/SCFM	10 GPM / 300 SCFM	51E			10									
	16 GPM / 600 SCFM	52E			16									
	24 GPM / 1200 SCFM	53E			24									
	35 GPM / 2500 SCFM	54E			35									
	50 GPM / 4000 SCFM	55E			50									
Section D														
Port Size	1/4"			4										
	3/8"			6										
	1/2"			8										
	3/4"			12										
	1"			16										
	1 1/4"			20										
Section E														
Inlet/Outlet Type	SAE			S										
	NPT			P										
	AS5202			A										
Section F	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											
	Cellulose	3	3C											
	Cellulose	10	10C											
	Microglass	1	1M											
	Microglass	3	3M											
	Microglass	5	5M											
	Microglass	10	10M											
	Microglass	25	25M											
	304 SSTL	2	10	10S										
	304 SSTL	5	18	18S										
	304 SSTL	10	25	25S										
	304 SSTL	40	75	75S										
	304 SSTL	100	150	150S										
Section G														
Collapse Rating	150 PSID Cellulose			A										
	300 PSID Cellulose			B										
	300 PSID Microglass			C										
	3250 PSID Microglass			D										
	4500 PSID Stainless Wire			E										
	2000 PSID 316 Sintered			F										
Section H														
O-Ring Material	Buna -40°F to +250°F			N										
	Viton® -20°F to +400°F			V										
	EPR -60°F to 400°F			E										
	Teflon® -320°F to +450°F			T										
	Kalrez® -40°F to +550°F			K										
	Teflon Encapsulated Viton -4°F to +400°F			S										
Section I														
Optional Accessories	Visual Indicator			V										
	Electrical Indicator			E										
	1/8" NPT ΔP Ports			D1										
	1/4" NPT ΔP Ports			D2										
	1/8" SAE ΔP Ports			D4										
	Din Connector			DN										
Section J														
Optional Bowl Drain	1/8" NPT			B1										
	1/4" NPT			B2										
	1/4" SAE			B4										
Section K														
Optional Bypass	Insert Pressure Setting			B**										
	Default Setting is 50 PSID Bypass is not available with ΔP Ports													

Replacement Element

	C	F	G	H		
	51	E	-	25S	E	N
Section C	Description					
Element Size	See Section C for Element Size					
Element	E					
Section F	Micron/Material					
See Section F for Micron Rating						
Section G	Collapse Rating					
See Section G for Collapse Rating						
Section H	O-Ring Material					
See Section H for Collapse Rating						

