

# 52 Series Tee-Type Filters (10K, 20K)

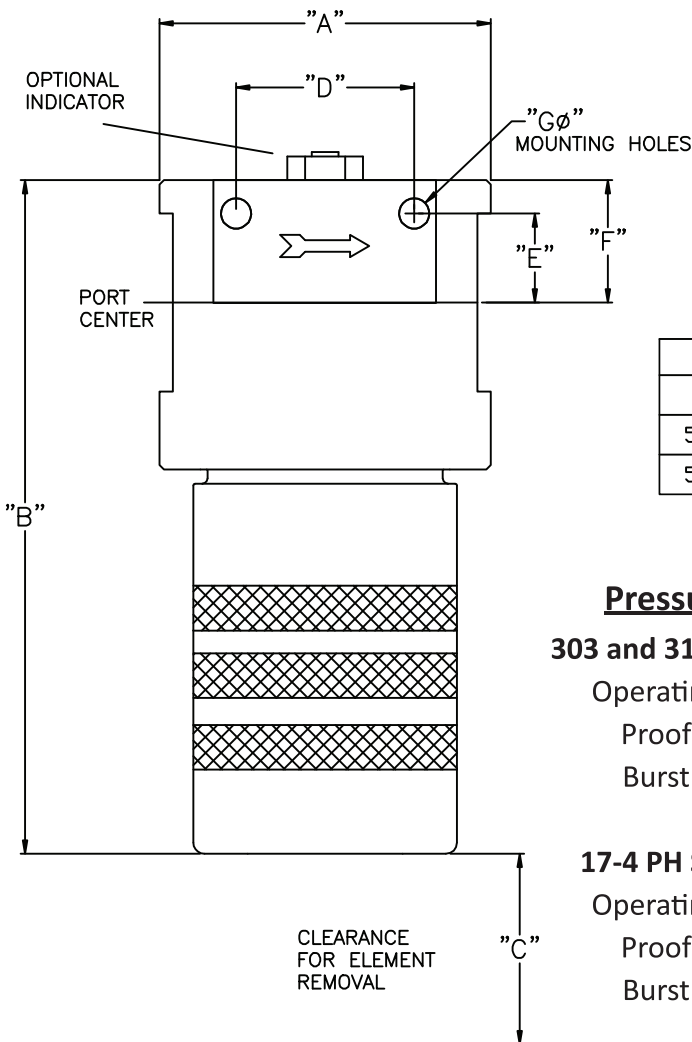


- ▶ Available in 303, 316 Stainless (10K) and 17-4 PH Stainless (20K)
- ▶ For Flow Data, Contact Factory
- ▶ Various Micron Ratings Ranging from .2 to 150 Available in Stainless Steel, Micro Glass and Porous Sintered Stainless Steel
- ▶ Port Sizes Range from 1/4" to 3/4" FNPT (10K only) and 1/4" to 3/4" MP Port and HP Ports

## TEE-TYPE FILTERS

### Optional Accessories

- Bowl Drain: 1/8" and 1/4" FNPT (10K only)  
1/4" MP Ports
- Gauge Ports: 1/8" and 1/4" FNPT (10K only)  
1/4" MP Ports



### DIMENSIONS

A	GPM SIZE	B	C	D	E	F	G	EL. SIZE
5.0	10	9.60	5.90	2.25	1.38	1.88	.40	51E
5.0	24	12.48	8.88	2.25	1.38	1.88	.40	53E

### Pressure Ratings

#### 303 and 316 Stainless (10K)

Operating: 10,000 PSI  
Proof: 15,000 PSI  
Burst: 40,000 PSI

#### 17-4 PH Stainless (20K)

Operating: 20,000 PSI  
Proof: 30,000 PSI  
Burst: 80,000 PSI

### Temperature Ratings

#### Elements

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  
Teflon -325°F to +500°F

# 52 Series How to Order

			Example Part Number										Optional				
			A	B	C	D	E	F	G	H	I	J					
			52	P	-	10	4	MP	-	10S	E	N	-	V	B2		
<b>Section A</b>	<b>Description</b>	<b>Code</b>															
Filter Series	Tee-Type Filters up to 20,000 PSI	51															
<b>Section B</b>																	
Housing Material & Pressure	303 Stainless 10,000 PSI	S															
	316 Stainless 10,000 PSI	T															
	17-4H Stainless 20,000 PSI	P															
<b>Section C</b>	<b>Element Size</b>																
Flow - SCFM	10 GPM / 300 SCFM	51E	10														
	24 GPM / 1200 SCFM	53E	24														
<b>Section D</b>																	
Port Size	1/4"	4	4														
	3/8"	6	6														
	1/2"	8	8														
	9/16" *Medium Pressure Only	9	9														
	3/4" *Medium Pressure Only	12	12														
<b>Section E</b>																	
Inlet/Outlet Type	Medium Pressure	MP												MP			
	NPT *10,000 PSI Only	P												P			
	For Butt weld or Socket weld - Consult the Factory																
<b>Section F</b>	<b>Material</b>	<b>Micron/Nom</b>	<b>Micron/Abs</b>														
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	5	5M														
	Microglass 3250 PSID	10	10M														
	Microglass 3250 PSID	25	25M														
	304 SSTL	2	10	10S													
	304 SSTL	5	18	18S													
	304 SSTL	10	25	25S													
	304 SSTL	20	40	40S													
	304 SSTL	40	75	75S													
	304 SSTL	75	100	100S													
	304 SSTL	100	150	150S													
	<b>Section G</b>																
	Collapse Rating	300 PSID Microglass	C											C			
		3250 PSID Microglass	D											D			
		4500 PSID Stainless Wire	E											E			
2000 PSID 316 Sintered		F											F				
<b>Section H</b>																	
O-Ring Material	Buna -40°F to +250°F	N											N				
	Viton® -40°F to +400°F	V											V				
	EPR -60°F to +400°F	E											E				
	Kalrez® -40°F to +500°F	K											K				
	Teflon Encapsulated Viton -4°F to +400°F	S											S				
	Teflon® -325°F to +500°F	T											T				
<b>Section I</b>																	
Optional Accessories	1/8" NPT ΔP Ports *10,000 PSI Only	D1											D1				
	1/4" NPT ΔP Ports *10,000 PSI Only	D2											D2				
	1/4" MP ΔP Ports	MP4											MP4				
<b>Section J</b>																	
Optional Bowl Drain	1/8" NPT *10,000 PSI Only	B1											B1				
	1/4" NPT *10,000 PSI Only	B2											B2				
	1.4" MP	MP4											MP4				

			1	2	3	4	5	
			51	E	-	10S	E	N
<b>Section C</b>	<b>Description</b>	<b>Code</b>						
Element Size	See Section C for Element Size	51						
Element			E					
<b>Section F</b>								
Micron/Material	See Section F for Micron Rating		10S					
<b>Section G</b>								
Collapse Rating	See Section G for Collapse Rating		E					
<b>Section H</b>								
O-Ring Material	See Section H for O-Ring Material		N					



[info@chasefiltercompany.com](mailto:info@chasefiltercompany.com) • 757-327-0036

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