



"A leading worldwide supplier of high efficiency filters for a variety of industries and applications."

KYNAR FILTER HOUSINGS

PVDF housings are an economical solution for corrosive applications. Since the housings are constructed entirely out of Kynar, they are suitable for a wide range of liquid and gas applications. Each housing is available with three (3) drain options: 1/8" NPT, Manual Twist Drain or No Drain. For liquid filtration, we recommend using a version with no drain.



Features:

- Filter Gases And Liquids
- Complete Kynar Construction
- Low Cost, Corrosion Resistant Filter Housings
- No Metal Contact Surfaces
- Replaceable Elements For Low Running Costs
- Durable, Threaded Head To Bowl

Applications:

- Corrosive Environment Filter
- Low Cost PTFE Alternative Filters
- Chlorine Filtration

At the heart of our filter products is the filter element. Choosing the correct element insures proper results for your specific application:

Disposable Microfiber Elements

Disposable Microfiber Elements are most commonly used since they offer exceptional filtration, high flows with minimal pressure drops, and excellent chemical compatibility. These are ideal for use in sample conditioning, instrumentation, CNG, and Emission/Environmental service.

- For **Coalescing (liquid removal)** and particle collection use our grade "C". We recommend starting with the 70C which is rated at 95% efficient at 0.01 micron which provides outstanding filtration, at high flow rates.
- For **Particle removal** only use grade "K". We recommend starting with the 70K which is rated at 95% efficient at 0.01 micron which provides outstanding filtration, at high flow rates.
- For **Particulate removal** above 300°F (150°C) use grade "S".



Sintered PTFE

Sintered PTFE elements are used where only pure PTFE may contact the sample. They should be used in our PTFE series of housings based on the stainless steel models. Model 122P, 122PG, 130P, 130PG, 132P, 132PG, 142P Standard microns available: 3,10, and 25.

Sintered Polyethylene (PEL)

Sintered polyethylene elements (PEL) are used only in non-corrosive applications to remove bulk contaminants. Standard micron sizes available: 10, 25, and 75.

KYNAR FILTER HOUSINGS

- Chemical Resistant
- Versatile – Optimize Costs
- Variety Of Filter Media To Suit Applications



TECHNICAL INFORMATION

Housing Model with Drain	710K		710KL		760K	
Housing Model w/o Drain	705K		705KL		755K	
Headline Part Number with Drain	701K	710K	721K	730K	751K	760K
Headline Part Number w/o Drain	700K	705K	720K	725K	750K	755K
Port Size (NPT)	1/8"	1/4"	1/8"	1/4"	1/4"	1/2"
Drain Type (1/8" Straight Thread)	Twist		Twist		Twist	
Maximum Pressure (psig)	100		100		100	
Maximum Temperature (°F)	240		240		240	
Internal Volume (cc)	50		60		170	
Weight of Housing (lbs)	0.50		0.5		1.0	
Principle Dimensions: (inches)						
Center Of Port To Head	0.39		0.39		0.61	
Head Diameter	1.73		1.73		2.60	
Overall Length Without Drain	3.78		4.41		5.75	
Overall Length With Drain	4.17		4.80		6.14	
Element Removal Clearance	1.50		2.36		3.15	
Filter Element Codes: (1)						
Disposable Element	12-32-□		12-57-□		25-64-□	
Stainless Steel Element	SS-12-32-□		SS-12-57-□		SS-25-64-□	
PEL Element	PEL-12-32-□		PEL-12-57-□		PEL-25-64-□	
PTFE Element	PT-12-32-□		PT-12-57-□		PT-25-64-□	
Materials Of Construction: (2)						
Head & Internals	PVDF		PVDF		PVDF	
Bowl	PVDF		PVDF		PVDF	
O-Rings (Standard)	Viton		Viton		Viton	
Drain	PVDF		PVDF		PVDF	
Accessories:						
Mounting Bracket	MBSS110		MBSS110		MBSS130	
Buna-N Seal Set	BN710		BN710		BN760	
EPDM Seal Set	GE710		GE710		GE760	
Kalrez Seal Set	KZ710		KZ710		KZ760	
Silicone Seal Set	GS710		GS710		GS760	
Viton Seal Set Standard	GV710		GV710		GV760	

FLOW RATE IN SCFM FOR ABOVE ASSEMBLIES WITH GRADE 50C ⁽³⁾ or 70C ⁽⁴⁾

Air Line Pressure (PSIG)	710 Series		710KL Series		760 Series	
	50C	70C	50C	70C	50C	70C
2	1	3	2	4	3	6
15	2	6	3	7	6	11
30	3	9	4	10	8	16
60	4	14	7	17	13	26
80	5	16	9	23	18	38
100	6	23	11	27	21	44

- Notes: (1) Replace '□' with grade required, e.g. 12-32-50C, PT-12-57-03
 (2) Material abbreviations, PVDF = Polyvinylidene Difluoride
 (3) Flow rates for Grade 50C rated at 99.99% against 0.01 micron
 (4) Flow rates for Grade 70C rated at 95% against 0.01 micron