

# PTFE FILTER HOUSINGS

- PTFE and PTFE / Pyrex Glass Construction
- Viton- O-Ring (Standard)
- Pyrex Glass Allows Instant Monitoring
- Stainless Steel Head Band For Added Strength
- Integral Support Core



The PTFE housings are designed specially for use in high chemical resistance and low adsorption applications. They accept disposable fluorocarbon elements for coalescing and particulate service, and sintered PTFE elements for particulate filtration only. The housings come standard with Viton O-rings, however Kalrez is recommended for the best chemical resistance. A pyrex glass bowl version is available which allows at-a-glance monitoring of the filtration process.

The assemblies may be utilized in gaseous or liquid filtration by simply installing the appropriate element. PTFE elements are recommended for liquid service with an outside to inside flow pattern so that the integral support core provides added strength and element life can be visually monitored.

Please keep in mind that the maximum pressure is 100 PSIG and the maximum temperature is 300°F regardless of O-ring material. **We also offer exotics such as Monel, Hastelloy, Titanium and others which provide higher temperature and pressure ratings.**

## PRINCIPLE SPECIFICATIONS

Housing Model	120P	122P	120PG	122PG	130P	132P	130PG	132PG	140P	142P
Port Size (NPT)	1/8"	1/4"	1/8"	1/4"	1/4"	1/2"	1/4"	1/2"	1/4"	1/2"
Drain Type (NPT)	1/8"	1/4"	1/8"	1/8"	1/4"	1/4"	1/8"	1/8"	1/4"	1/4"
Maximum Pressure (psig)	100		100		100		100		100	
Max. Temp. - Viton – (°F) (4)	400		400		400		400		400	
Max. Temp. - Silicone – (°F)	450		450		450		450		450	
Max. Temp. - Kalrez – (°F)	600		600		600		600		600	
Principle Dimensions: (inches)										
Center Of Port To Head	0.39		0.59		0.59		0.59		0.59	
Head Diameter	1.69		1.97		2.48		2.68		2.48	
Overall Length	3.86		4.33		4.65		5.31		9.29	
Element Removal Clearance	2.44		2.44		2.76		2.76		7.24	
Filter Element Codes:										
Disposable Element (2)	12-57-□		12-57-□		25-64-□		25-64-□		25-178-□	
Stainless Steel Element (3)	SS-12-57-□		SS-12-57-□		SS-25-64-□		SS-25-64-□		SS-25-178-□	
PEL Element (3)	PEL-12-57-□		PEL-12-57-□		PEL-25-64-□		PEL-25-64-□		PEL-25-178-□	
PTFE Element (3)	PT-12-57-□		PT-12-57-□		PT-25-64-□		PT-25-64-□		PT-25-178-□	
Materials Of Construction: (1)										
Head	PTFE		PTFE		PTFE		PTFE		PTFE	
Bowl	PTFE		Pyrex		PTFE		Pyrex		PTFE	
Internal	PTFE		PTFE		PTFE		PTFE		PTFE	
O-Rings (Standard)	Viton		Viton		Viton		Viton		Viton	
Accessories:										
Mounting Bracket	MBSS110		MBSS110		MBSS130		MBSS130		MBSS130	
O-Ring Set – Viton	GV120P		GV120PG		GV130P		GV130PG		GV140P	
O-Ring Set – Silicone	GS120P		GS120PG		GS130P		GS130PG		GS140P	
O-Ring Set – Kalrez	KZ120P		KZ120PG		KZ130P		KZ130PG		KZ140P	
Internal Volume (cc)	33		63		90		155		260	

- Notes: (1) Material abbreviation, PTFE = Polytetrafluoroethene.  
 (2) Replace "□" with grade required, e.g. 25-64-70C  
 (3) Replace "□" with micron required, e.g. SS-25-64-03  
 (4) PTFE housing material limits temperature to 300°F regardless of O-ring.



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