



# Stainless Steel PF Housings

High pressure and high-purity process chemical filtration



## Critical High Pressure Applications

Mykrolis's Stainless Steel PF filter housings are recommended for critical high pressure filtration of high-purity solvents, as well as non-toxic and non-reactive inert gases. All wetted surfaces are electropolished 316L stainless steel.

### Electropolished Finish

The high quality electropolish finish eliminates harmful contaminants that could potentially leach into the process stream.

### Suitable for Many Applications

Mykrolis's Stainless Steel PF filter housings can be used in high flow central applications as well as low flow point-of-use applications. They are recommended for permanent in-line plumbing. Interchangeable bowls allow use the use of 4" or 10" cartridge filters.

### Specifications

Materials	Head and Bowl: Electropolished 316L stainless steel wetted surfaces
	Bracket: 304
	O-ring: Teflon® fluoropolymer encapsulated Viton® fluoroelastomer O-ring (TEV)
Finish	< 32 Ra internal finish
Connections	Cartridge: 10" Code 0, 2-222 O-rings
	Inlet/Outlet: 3/4" NPTF Vent ports: 1/4" NPTF 1 upstream and 1 downstream on housing head Drain: 1/4" NPTF at bottom of housing bowl
Maximum Operating Pressure	1.7 MPa (17 bar, 250 psi) @ 23° C
Dimensions	Width: 14.22 cm [5.6"]
	Length: PF40: 20.01 cm [7.88"] PF80: 33.29 cm [13.11"]

### Accessories/Replacement Parts

Description	Part #
Viton O-ring, 2-343	YY40 101 02
Kalrez® perfluoroelastomer O-ring, 2-343	YY40 101 08
EPR O-ring, 2-343	YY40 101 06
TEV O-ring, 2-343	P16555
Silicone encapsulated with Teflon fluoropolymer resin O-ring, 2-343	YY40 10 104

### Ordering Information

Description	Part #
Stainless Steel PF-40 for 4" filters	YY55 P40 00
Stainless Steel PF-80 for 10" filters	YY55 P80 00

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