

H-CPF PTFE LINED FILTER HOUSINGS

CHEMICAL RESISTANT HOUSINGS FOR USE WITH AGGRESSIVE ACIDS AND BASES

H-CPF PTFE-Lined Filter Housings are designed for use with corrosive fluids (acids & bases) in fine chemical applications.

Fluid contact area is composed of PTFE or PFA which solves chemical compatibility issues with stainless steel filter housings, especially for use with aggressive acids.

The housings are customizable for flow rate requirements.

FEATURE	BENEFIT
Fluoropolymer Lined Flow Path	Allows chemical compatibility with acids and bases - corrosive fluids, including Nitric Acid (conc.), Sulfuric Acid (conc.), Sodium Hydroxide (conc.), THF, TFA, and other chemicals.
Multiple Configurations to Match Flow Requirements	Available in 1, 3, 5, and 7 round configurations, and custom sizes are available. Bowl designs available for 5, 10, 20, 30, and 40-inch filter lengths.
High Operating Temperature	With a max. operating temperature of 100°C (212°F), the housings are ideal for use in a wide range of elevated chemical applications.

SPECIFICATIONS

Internal surface (fluid contact area)	PTFE or Modified PTFE Etched Back Modified PTFE/PFA Glass Fiber Backed
Outer surfaces and legs	304/316/Carbon Steel
O-ring/gaskets	PTFE / FFKM / TEV
Design pressure	0.6 Mpa (6.0 bar, 87 psi) 1.0 Mpa (10.0 bar, 145 psi)
Max. operating temperature	100°C (212°F)
Connections	Body Connection: Flange Outlet: Flange

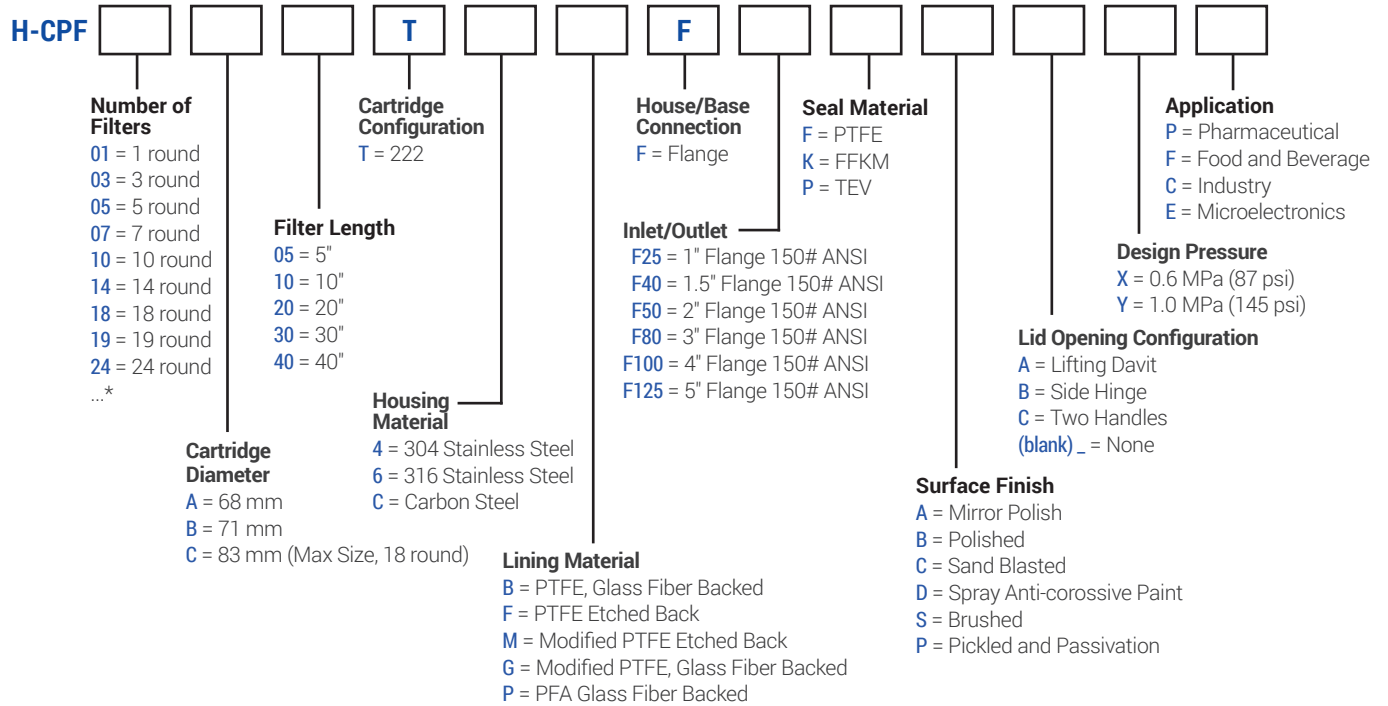


TYPICAL APPLICATIONS

- Acids
- Bases
- Solvents
- Industrial Liquids
- High Purity Chemistries

ORDERING INFORMATION

EXAMPLE: **H-CPF01B10TF40KAYP** = 1-round, 71 mm diameter cartridge, 10" 222 configuration, 316SS, lined PTFE etched back, 15" flange, with FFKM seals, mirror polish finish, no lid opening, 145 psi, Pharmaceutical application



* Custom sizes are available



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