

Pleated Media Filter Cartridges

High Efficiency, Long Life Cartridges for Aviation Fuel
FO Series

- Large Surface Area – Allows high flow rate with low initial pressure drop and maximum contaminant holding capacity.
- Resin Impregnated Media – Maintains strength, resists effects of water and heat.
- 75 psi Collapse Strength – Heavy gauge carbon steel endcaps and center tube give safety margin against pressure surges.
- Coated Steel Components – Resist corrosion from most industrial fluids.
- Corrugated Media – Prevents pleat pinch-off, assuring all filtration media is utilized.
- Buna-N Gaskets – The best general gasket material available assures positive seal in most fluids.
- Thermoset Bonding Material – Durable endcap-to-media bond prevents internal bypassing.
- Threaded base filter elements – Available for easier installation.

SPECIFICATIONS

- 75 psi Collapse strength
- 5 - 9 Operating pH range
- Micron ratings from 1/4 to 75
- 98%+ Nominal filtration efficiency
- 250°F Maximum operating temperature
- Recommended changeout differential pressure - 15 psid for Aviation applications
- Multi-pass (Beta Ratio) data available on request

For information about Flow Ratings with various viscosity fluids, refer to Form #1532

Please note - The outer wrap of a cartridge can be either nylon jacket, beaming paper, or PVC-coated screen wrap. Actual cartridges may not look exactly like those shown in photo.



FO-412PLxx



FO-614PLFxx



FO-512PLxx



FO-718PLxx



FO-644PLFxxTB

CARTRIDGE INFORMATION

The following table lists a few of the broad range of available Parker Velcon cartridges. Your local Parker Velcon representative can provide more complete information.



Model	Dim.	Nominal Micron Rating	Protective Outer Wrap	
FO-412PL2	4" x 12¼" x 1¾" ID	2	No	
FO-412PL5		5	No	
FO-418PL5	4" x 18" x 1¾" ID	5	No	
FO-418PL15		15	No	
FO-512PL1/2	For VF-61 Housing	½	No	
FO-512PL05		5	No	
FO-512PL25		25	No	
FO-614PLF½	6" x 14½" x 3½" ID	½	No	
FO-614PLF1		1	No	
FO-614PLF2		2	No	
FO-614PLF5		5	No	
FO-614PLF5M		5	Yes	
FO-614PLF10		10	No	
FO-614PLF15		15	No	
FO-614PLF15M		15	Yes	
FO-614PLF25		25	No	
FO-614PLF75		75	No	
FO-629PLF1/4		6" x 29" x 3½" ID	¼	Yes
FO-629PLF1/2			½	Yes
FO-629PLF1			1	Yes
FO-629PLF2			2	Yes
FO-629PLF5			5	Yes
FO-629PLF10	10		Yes	
FO-629PLF25	25		Yes	
FO-629PLF1/2TB	6" x 29" Threaded Base		½	Yes
FO-629PLF1TB			1	Yes
FO-629PLF2TB			2	Yes
FO-629PLF5TB		5	Yes	
FO-629PLF25TB		25	Yes	
FO-644PLF1/2	6" x 44" x 3½" ID	½	No	
FO-644PLF1M		1	Yes	
FO-644PLF2M		2	Yes	
FO-644PLF5M		5	Yes	
FO-644PLF10M		10	Yes	
FO-644PLF15M		15	Yes	
FO-644PLF25M		25	Yes	

Model	Dim.	Nominal Micron Rating	Protective Outer Wrap
FO-644PLF1/4TB	6" x 44" Threaded Base	¼	Yes
FO-644PLF1/2TB		½	Yes
FO-644PLF1TB		1	Yes
FO-644PLF2TB		2	Yes
FO-644PLF5TB		5	Yes
FO-644PLF10TB		10	Yes
FO-644PLF25TB		25	Yes
FO-656PLF1M		6" x 56" x 3½" ID	1
FO-656PLF1/2TB	6" x 56" Threaded Base	½	Yes
FO-656PLF1TB		1	Yes
FO-656PLF2TB		2	Yes
FO-656PLF5TB		5	Yes
FO-656PLF25TB		25	Yes
FO-718PLP3	6¼" x 18" x 2 ⅝" ID	0.3	No
FO-718PL1/2		½	No
FO-718PL01		1	Yes
FO-718PL02		2	Yes
FO-718PL05		5	Yes
FO-718PL10		10	Yes
FO-718PL15		15	Yes
FO-718PL25		25	Yes
FO-718PL50		50	Yes
FO-736PLP3		6¼" x 36" 2 ⅝" ID	0.3
FO-736PL1/2	½		No
FO-736PL05	5		Yes
FO-736PL15	15	Yes	
FO-822PLP3	8" x 22 ⅝" x 2" ID	0.3	No
FO-822PL1/2		½	No
FO-822PL05		5	No
FO-829PL05	8" x 29 ½" 2" ID	5	No
FOH			
FOH-644PLF1	6" x 44" x 3½" ID	1	Yes
FOH-644PLF1/2	6" x 44" x 3½" ID	0.5	Yes
FOH-644PLF1TB	6" x 44" Threaded Base	1	Yes
FOH-644PLF2TB		2	Yes
FOH-644PLF2	6" x 44" x 3½" ID	2	Yes
FOH-644PLF5	6" x 44" x 3½" ID	5	Yes