

High Efficiency, Long Life Cartridges for Industrial Fluids



FO-424PL5



FO-718PL



FO-614PLF



FO-512PL05



FO-644PLF

- **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 psid Collapse Strength** – Heavy gauge coated 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.
- **98% + Filtration Efficiency** – With Micron Ratings from 1/2 to 75.

APPLICATIONS

Velcon Pleated Media Cartridges are suitable for a broad range of polar and non-polar fluids. Recommended for applications where the contaminant is granular (non-colloidal), allowing maximum utilization of the high surface area.

Suitable for:

All Hydrocarbon Fuels	Cutting Oils	Glycols	Degreasing Fluids
Water Emulsion Coolants	Naphtha	Lube Oils	Ethyl Alcohol
Insulating Oils	Toluol	Synthetic Oils	Hydraulic Oils

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.

CARTRIDGE INFORMATION

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

Dimensions	Model	Nominal Micron Rating	Protective Outer Wrap
4" x 12 ¹ / ₄ " x 1 ³ / ₄ " ID	FO-412PL5	5	No
4" x 18" x 1 ³ / ₄ " ID	FO-418PL5	5	No
4" x 24 ¹ / ₈ " x 1 ³ / ₄ " ID	FO-424PL5	5	No
For VF-61 Housing	FO-512PL1/2	1/2	No
	FO-512PL05	5	No
	FO-512PL25	25	No
6" x 14 ¹ / ₂ " x 3 ¹ / ₂ " ID	FO-614PLF1/2	1/2	No
	FO-614PLF1	1	No
	FO-614PLF1M	1	Yes
	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
6" x 29" x 3 ¹ / ₂ " ID	FO-629PLF1/2	1/2	No
	FO-629PLF1	1	No
	FO-629PLF2	2	No
	FO-629PLF5	5	No
	FO-629PLF10	10	No
	FO-629PLF20	20	No
6" x 29" Threaded Base	FO-629PLF25	25	No
	FO-629PLF2TB	2	No
	FO-629PLF5TB	5	No

Dimensions	Model	Nominal Micron Rating	Protective Outer Wrap
6" x 44" x 3 ¹ / ₂ " ID	FO-644PLF1/2	1/2	No
	FO-644PLF1M	1	Yes
	FO-644PLF2M	2	Yes
	FO-644PLF5M	5	Yes
	FO-644PLF10M	10	Yes
6" x 44" Threaded Base	FO-644PLF25M	25	Yes
	FO-644PLF1/2TB	1/2	No
	FO-644PLF1TB	1	Yes
	FO-644PLF2TB	2	Yes
	FO-644PLF5TB	5	Yes
6" x 44" Threaded Base	FO-644PLF10TB	10	Yes
	FO-644PLF25TB	25	Yes
	FO-656PLF1TB	1	Yes
6" x 56" Threaded Base	FO-656PLF2TB	2	Yes
	FO-656PLF5TB	5	Yes
6 ¹ / ₄ " x 18" x 2 ⁹ / ₁₆ " ID	FO-718PLP3	0.3	No
	FO-718PL1/2	1/2	No
	FO-718PL01	1	Yes
	FO-718PL02	2	Yes
	FO-718PL05	5	Yes
	FO-718PL05B	5	No
	FO-718PL10	10	Yes
	FO-718PL15	15	Yes
	FO-718PL50	50	Yes
	6 ¹ / ₄ " x 36" x 2 ⁹ / ₁₆ " ID	FO-736PLP3	0.3
FO-736PL1/2		1/2	No
FO-736PL05		5	Yes
FO-736PL15		15	Yes
8" x 22 ¹ / ₈ " x 2" ID	FO-822PLP3	0.3	No
	FO-822PL1/2	1/2	No
	FO-822PL05	5	No
8" x 29 ¹ / ₂ " x 2" ID	FO-829PL05	5	No

SPECIFICATIONS

75 psid collapse strength

98% + nominal filtration efficiency

5 - 9 operating pH range

250°F maximum operating temperature

Micron ratings from 1/2 to 75

For information about flow ratings with various viscosity fluids refer to Form #1532

Multi-pass (Beta Ratio) data available on request



Velcon products are sold and serviced by a world-wide representative network. To order, contact Headquarters or your LOCAL REPRESENTATIVE:

COMPANY HEADQUARTERS:
Velcon Filters, Inc.
1210 Garden of the Gods Road
Colorado Springs, CO 80907-3410
Phone: 1.800.531.0180 / 1.719.531.5855
Fax: 719.531.5690
e-mail: vfsales@velcon.com
www.velcon.com

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