

High Efficiency, Long Life Cartridges for Industrial Fluids



FO-412PLxx



FO-718PLxx



FO-614PLFxx



FO-512PLxx



FO-644PLFxxTB

- **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 center tubes 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 cartridges** – Available for easier installation.

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	Insulating Oils	Glycols	Toluol	Naphtha
Diesel Fuel	Lube Oils	Hydraulic Oils	Water Emulsion	Coolants	
Biodiesel Fuel	Synthetic Oils	Ethyl Alcohol	Degreasing Fluids		

SPECIFICATIONS

75 psi Collapse strength	250°F Maximum operating temperature
5 - 9 Operating pH range	Recommended changeout differential pressure - 25 psid
Micron ratings from 1/4 to 75	Multi-pass (Beta Ratio) data available on request
98%+ Nominal filtration efficiency	

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

Photos - 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. In the part numbers above, "xx" represents micron rating of the cartridge.

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 12¼" x 1¾" ID	FO-412PL2	2	No
	FO-412PL5	5	No
4" x 18" x 1¾" ID	FO-418PL5	5	No
	FO-418PL15	15	No
For VF-61 & VF-61E Housing	FO-512PL1/2	½	No
	FO-512PL05	5	No
	FO-512PL25	25	No
For VF-62 Housing	FO-524PL1/2	½	No
	FO-524PL05	5	No
	FO-524PL25	25	No
6" x 14½" x 3½" ID	FO-614PLF½	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-614PLF25M	25	Yes
6" x 29" x 3½" ID	FO-629PLF1/4	¼	Yes
	FO-629PLF1/2	½	Yes
	FO-629PLF1	1	Yes
	FO-629PLF2	2	Yes
	FO-629PLF5	5	Yes
	FO-629PLF10	10	Yes
	FO-629PLF20	20	Yes
	FO-629PLF25	25	Yes
	6" x 29" Threaded Base	FO-629PLF1/2TB	½
FO-629PLF1TB		1	Yes
FO-629PLF2TB		2	Yes
FO-629PLF5TB		5	Yes
FO-629PLF25TB		25	Yes

Dimensions	Model	Nominal Micron Rating	Protective Outer Wrap
6" x 44" x 3½" ID	FO-644PLF1/2	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
6" x 44" Threaded Base	FO-644PLF1/4TB	¼	Yes
	FO-644PLF1/2TB	½	Yes
	FO-644PLF1TB	1	Yes
	FO-644PLF2TB	2	Yes
	FO-644PLF5TB	5	Yes
	FO-644PLF10TB	10	Yes
6" x 56" x 3½" ID	FO-656PLF1M	1	Yes
	6" x 56" Threaded Base	FO-656PLF1/2TB	½
FO-656PLF1TB		1	Yes
FO-656PLF2TB		2	Yes
FO-656PLF5TB		5	Yes
FO-656PLF25TB		25	Yes
6¼" x 18" x 2 ⁹ / ₁₆ " ID	FO-718PLP3	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
6¼" x 36" x 2 ⁹ / ₁₆ " ID	FO-736PLP3	0.3	No
	FO-736PL1/2	½	No
	FO-736PL05	5	Yes
8" x 22 ¹ / ₈ " x 2" ID	FO-822PLP3	0.3	No
	FO-822PL1/2	½	No
	FO-822PL05	5	No
8" x 29½" x 2" ID	FO-829PL05	5	No



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

COMPANY HEADQUARTERS:
 Velcon Filters, LLC
 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

MANUFACTURING PLANTS LOCATED AT:
 Colorado Springs, Colorado
 Sylacauga, Alabama
 Henryetta, Oklahoma

OFFICES AND AFFILIATES IN:
 Canada, Germany, Singapore, & Spain



**Liquid Filtration
and Separation
Specialists**