



**Filter**technik

Filtration, Purification & Separation Solutions

# Pleated Media Filter Cartridges

## High Efficiency, Long Life Cartridges for Industrial Fluids



FO-424PL



FO-718PL



FO-614PLF



FO-512PL



FO-644PLF5TB

- **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.

### 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

**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 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 Housing	FO-512PL1/2	½	No
	FO-512PL05	5	No
	FO-512PL25	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
FO-614PLF75	75	No	
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	Yes
	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
6" x 44" Threaded Base	FO-644PLF25M	25	Yes
	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
FO-644PLF25TB	25	Yes	
6" x 56" x 3½" ID	FO-656PLF1M	1	Yes
6" x 56" Threaded Base	FO-656PLF1/2TB	½	Yes
	FO-656PLF1TB	1	Yes
	FO-656PLF2TB	2	Yes
	FO-656PLF5TB	5	Yes
	FO-656PLF25TB	25	Yes
6¼" x 18" x 2 <sup>9</sup> / <sub>16</sub> " 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
	FO-718PL50	50	Yes
	6¼" x 36" x 2 <sup>9</sup> / <sub>16</sub> " ID	FO-736PLP3	0.3
FO-736PL1/2		½	No
FO-736PL05		5	Yes
FO-736PL15		15	Yes
8" x 22 <sup>1</sup> / <sub>8</sub> " 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



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