



# High Capacity Filter Cartridges

## FOH Series

**Long-lasting, High Capacity, & Efficient Performance**  
**Up To Three Times Greater Solids Capacity**  
**Qualified to API/EI Specification 1590**

### BENEFITS

- **UP TO THREE TIMES GREATER SOLIDS CAPACITY** than regular pleated paper cartridges
- **API/EI 1590 qualified cartridges supplied with protective metal outer shell**
- Equivalent efficiency of corresponding pleated paper cartridges
- Resin Impregnated Media - maintains strength, resists effects of water and heat
- Coated Steel Components - resists corrosion from most fluids
- Mesh Layers - 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 1 - 5
- Available with threaded base

### APPLICATIONS

Velcon pleated paper media cartridges are suitable for a broad range of polar and non-polar fluids.

Recommended for applications where the contaminant is granular & hard, allowing maximum utilization of the high surface area.

#### Suitable for:

- All hydrocarbon fuels, including diesel & biodiesel
- Cutting Oils
- Glycols
- Degreasing fluids
- Insulating oils
- Naptha
- Lube oils
- Synthetic oils
- Ethyl alcohol
- Hydraulic oils



*FOH-644A1K Cartridge*

*Please note – The outer wrap of a cartridge can be either nylon jacket, beaming paper, or PVC-coated screen wrap. Cartridge may not look exactly like the one shown in photo.*


### SPECIFICATIONS

75 psi Collapse strength  
5 - 9 Operating pH range  
250°F Maximum operating temperature

## CARTRIDGE SELECTION TABLE

Velcon Model Number	Micron Rating	Dimensions			Maximum Flow Rate	Qualification*
		ID (inches)	OD (inches)	Length (inches)		
FOH-614A1K	1	3.5625	6	14	53	API/EI 1590
FOH-614A1TB	1	0	6	14	53	API/EI 1590
FOH-629A1K	1	3.5625	6	29	111	API/EI 1590
FOH-629A1TB	1	0	6	29	111	API/EI 1590
FOH-644A1K	1	3.5625	6	44	171	API/EI 1590
FOH-644A1TB	1	0	6	44	171	API/EI 1590
FOH-644PLF1	1	3.5625	6	44	200	
FOH-644PLF1/2	0.5	3.5625	6	44	200	
FOH-644PLF1TB	1	0	6	44	200	
FOH-644PLF2TB	2	0	6	44	200	
FOH-644PLF5	5	3.5625	6	44	200	
FOH-656A1K	1	3.5625	6	56	219	API/EI 1590
FOH-656A1TB	1	3.5625	6	56	219	API/EI 1590

\*For information on additional cartridges qualified to API/EI 1590 please see data sheet #1888.



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  
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