



# High Capacity Synthetic Filter Cartridges

## FSH Series

### Long-lasting, High Capacity, & Efficient Performance

#### Up To Three Times Greater Solids Capacity

#### BENEFITS

- Polyester meltblown media - excellent water and hydrocarbon resistance
- Up to three times greater solids capacity than our regular pleated paper cartridges
- Coated Steel Components - resists corrosion from most fluids
- Buna-N Gaskets - the best general gasket material available assumes positive seal in most fluids
- Thermoset Bonding Material - durable endcap-to-media bond prevents internal bypassing 98%+ Filtration Efficiency for various micron ratings
- Available with threaded base
- Can be supplied with metal outer jacket
- Out-to-In Flow

#### APPLICATIONS

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

- Recommended in applications where the contaminant is granular (non-colloidal), allowing maximum utilization of the high surface area.
- Recommended in applications where water or chemicals cause softening or degradation of conventional resin impregnated cellulose filter media.

#### Suitable for:

- All hydrocarbon fuels
- Cutting Oils
- Glycols
- Degreasing fluids
- Insulating oils
- Water emulsion coolants
- Hydraulic oils
- Ethyl alcohol
- Synthetic oils
- Lube oils
- Naptha



**FSH-5436PL5**



**FSH-644PLF10M**

*Please note – The outer wrap of a cartridge can be either nylon jacket, beaming paper, or PVC-coated screen wrap. Cartridges may not look exactly like those 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 |
|---------------------|---------------|-------------|-------------|-----------------|-------------------|
|                     |               | ID (Inches) | OD (Inches) | Length (Inches) |                   |
| FSH-5436PL1/2       | 0.5           | N/A         | 4           | 36.31           | 75                |
| FSH-5436PL2         | 2             | N/A         | 4           | 36.31           | 75                |
| FSH-5436PL5         | 5             | N/A         | 4           | 36.31           | 75                |
| FSH-614PLF10M       | 10            | 3.5625      | 6           | 14              | 50                |
| FSH-629PLF10M       | 10            | 3.5625      | 6           | 29              | 108               |
| FSH-636PLF2M        | 2             | 3.5625      | 6           | 36              | 135               |
| FSH-644PLF2M        | 2             | 3.5625      | 6           | 44              | 166               |
| FSH-644PLF5M        | 5             | 3.5625      | 6           | 44              | 166               |
| FSH-644PLF5MTB      | 5             | N/A         | 6           | 44              | 166               |
| FSH-64410M          | 10            | 3.5625      | 6           | 44              | 166               |



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

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**Liquid Filtration  
 and Separation  
 Specialists**

Due to Velcon Filters' continuing product improvement, drawings, specifications and pictures are subject to change without notice.