



**FILTER SPECIALISTS, INC.**  
Innovative Solutions. Clear Results.

## *The New Vorex* *FILTER CARTRIDGE*

The new and improved VOREX FILTER CARTRIDGE is designed for higher efficiency and fewer changeouts. The extensive research invested in the development of this filter has resulted in a superior filter cartridge that works better and lasts longer.

The exclusive manufacturing process thermally bonds pure polypropylene microfibers. Lower density fibers are at the surface and sequentially higher density fibers are used toward the center, therefore particles are trapped more evenly throughout the entire cross section.

The Vorex is a nominally rated filter that works well as either a pre-filter or final filter in a wide range of applications including industrial, chemical process, food/beverage, cosmetics and water applications. \*Meets FDA requirements.

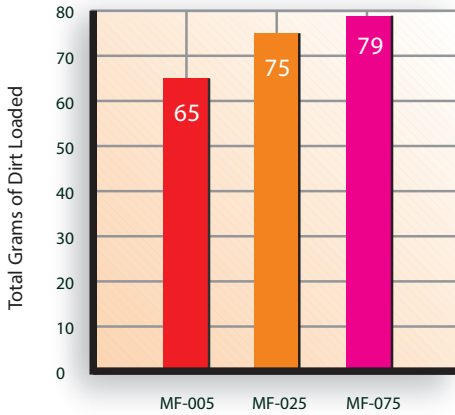
# ***Vorex***

## ***FILTER CARTRIDGE***

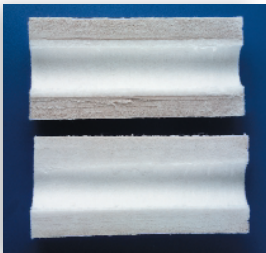
# The Vorex Advantage

- Greater dirt holding—longer life
- Fewer filter changeouts
- No fiber migration
- 100% polypropylene
- High flow rates with lower pressure drops
- Easy disposal (incinerates to non-volatile trace ash)
- Supports a wide range of industrial and chemical applications
- Very competitive economical pricing

Dirt Holding Capacity



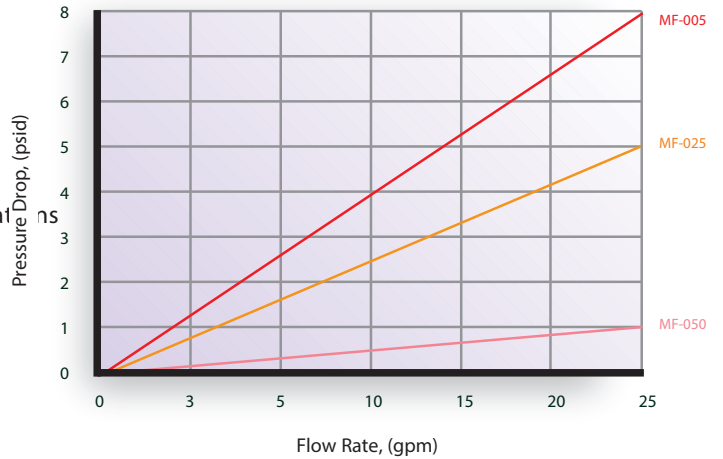
Many factors can influence cartridge life, like the type of solids loading, viscosity, etc.. For specific applications contact a FSI representative.



Vorex Filters trap contaminants throughout the entire cross section for improved dirt holding capacity and longer life.

Standard microfiber cartridges offer less volume for holding contaminants.

Clear Water Pressure Drop



This chart shows the Vorex filter cartridge life span as related to pressure drop. Results may vary in actual service.

## Vorex Filter Cartridges

Example **CM MF 025 2925**

1	2	3	4
<b>1 Type of Filter</b> CM = Meltblown Cartridge	<b>2 Material</b> MF = Microfiber MFGF = Microfiber, glazed finish	<b>3 Micron Rating</b> 001, 003, 005, 010, 025, 050, 075, 100, 150	<b>4 Cartridge Length</b> 9.75", 10", 19.5", 19.75", 20", 29.25", 30", 39", 39.5", 40" <small>*Standard lengths listed. Custom lengths available.</small>

I.D. 1.06" O.D. 2.5"

FDA Compliant, NSF Certified Material  
The Vorex filter cartridge complies with the appropriate U.S. Food and Drug Administration guidelines, as outlined in the Code of Federal regulations, Title 21, Sections 177.1520 (a), (1) and Section 177.1520 (c), (1.1). This filter is certified by NSF International under ANSI/NSF Standard 42.

The Vorex filter cartridge meets the requirements of a USP Plastic Class VI as demonstrated by USP Biological Reactivity Tests, In Vivo.

There are no expressed or implied warranties given with respect to this product and/or claims of performance. All test results are conducted under standard industry conditions, and actual results may vary based on specific applications.

FILTER SPECIALISTS INC is a leader in filtration products. FSI offers custom cartridge design and manufacturing.



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