



WE CAN FIT YOUR DUST COLLECTOR

We offer replacement upgrade cartridges to fit nearly any type of collector, including

- AAF - American Air Filter
- MAC Equipment
- Micro-Air
- Nordson
- Donaldson Torit
- UAS/Dust-Hog
- Wheelabrator
- Steelcraft
- Clark
- CMAXX

New Technology

Old Technology

patent US 7,722,699 B2

MEDIA OPTIONS

Camfil filter medias are proprietary fiber blends that maximize dust holding capacity and promote dust release when pulsed clean. Camfil medias are developed to provide the lowest pressure drop, longest service life and highest filtration efficiencies. All base media can be upgraded to a MERV15 initial filtration efficiency.

GR — Camfil signature **Green** media used for standard applications like wood, paper, powder & bulk applications, and many others.

FR — Camfil **Flame Retardant** media used for spark generating applications like thermal spray, metal cutting and welding applications.

FC — Camfil **Flame Retardant & Carbon Impregnated** media used for applications that require static dissipation and flame retardant characteristics. Used for many combustible dusts applications, plastic, resin and combustible metal.

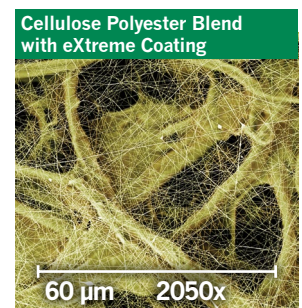
FP — Camfil **Flame Retardant** and **PTFE** media provides the highest filtration efficiency and best release. Used for critical applications like pharmaceutical, silica, chemical and beryllium copper.

SY — Camfil **Synthetic** media used for sticky or moist dusts like food and coating processes.



UPGRADE YOUR MEDIA

eXtreme nano fine fibers are applied to the surface of the patented HemiPleat filter to raise the initial efficiency to MERV15.



LAB & FIELD TEST RESULTS:

Camfil APC Filters Have..

- Lower pressure drop
- Better dust release
- Longer filter life

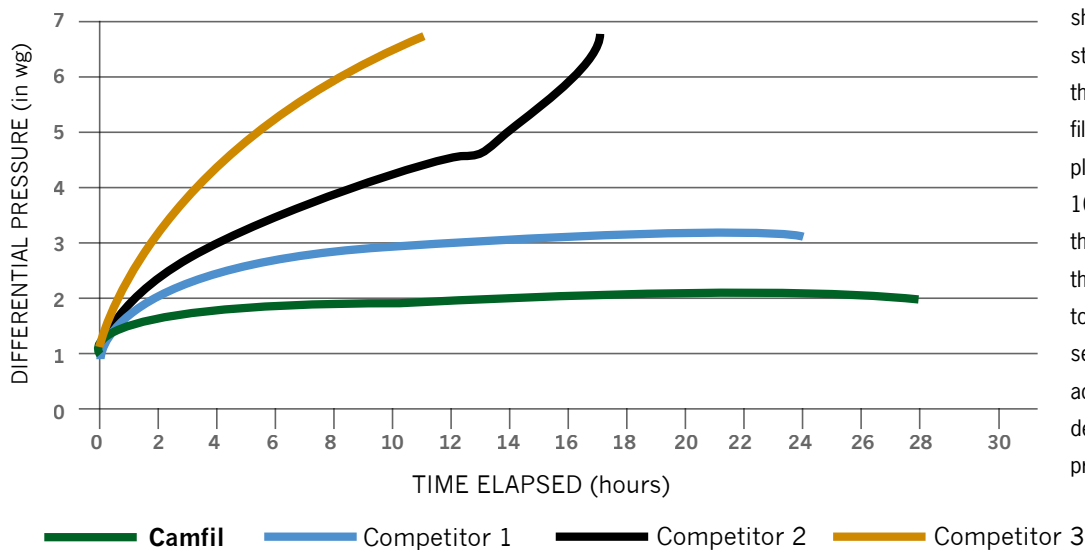
What This Means To You..

- Less energy consumption
- Fewer filter change outs
- Money savings



FIGURE 1

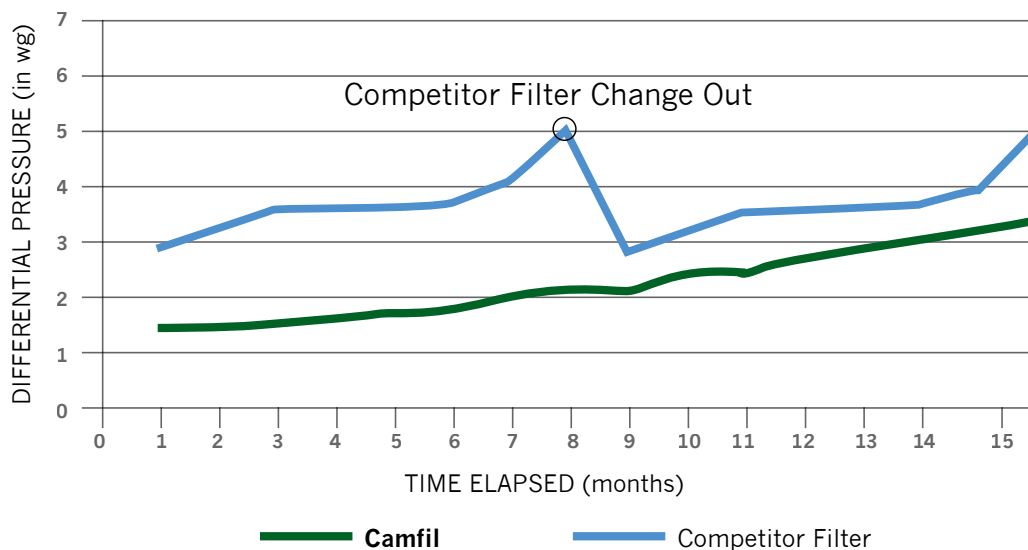
ACCELERATED LAB TEST



Accelerated lab testing in Figure 1 shows that Camfil HemiPleat cartridges stabilized at a lower pressure drop than leading competitors in the filtration industry. HemiPleats open pleat design allows dust to collect on 100% of the cartridge media. When the filter cartridges are pulse cleaned, the open pleat design allows the dust to be released from the cartridge and settle in the collection bins. In this accelerated lab test, the open pleat design of HemiPleat filters lead to lower pressure drop and longer filter life.

FIGURE 2

REAL-TIME FIELD TEST



Field testing provides real life data that Camfil HemiPleat cartridges have a lower pressure drop and last longer. Figure 2 shows a 16-month test in two competitor's collectors. One unit had Camfil HemiPleat cartridges and the other had a leading competitor's brand installed. In these identical real-life processes, the competitor's cartridges started at a higher pressure drop and required a filter change at eight months, while the Camfil cartridges were still performing at a 2" pressure drop.

Oval Retrofit Cartridge for Competitor Collectors



Advantages

- Low pressure drop
- Extended filter life
- High filtration efficiency
- Direct fit replacement

Application: Air Pollution Control filter cartridge to collect dust, fumes and/or oil mist in many different industrial applications and processes

Temperature max: 160°F (71°C)

Holding Frame: Internal and external EG expanded metal liner

Efficiency: 99.99% on 0.5 micron and larger particles by weight

Gasket: EPDM

Sealant: Polyurethane

Filter Class: M, in accordance to independent test to DIN EN 60335-2-69:Latest Revision for eXtreme Media

ASHRAE 52.2: MERV 15 rating for the eXtreme media options only

MEDIA OPTIONS

FC — FR Carbon Impregnated

Our own blend of fibers, impregnated with carbon for static dissipation and chemically treated with a flame retardant.

XF — eXtreme Flame Retardant

Our own blend of fibers, chemically treated with a flame retardant with the proprietary coating of nanofibers to yield the market's most superior filtration and cleanability with an efficiency of 99.995% on 0.5 microns and larger by weight.

XFC — eXtreme Flame Retardant Carbon Impregnated

Blended media impregnated with carbon for static dissipation, chemically treated with a flame retardant, and coated with nanofibers for superior filtration and cleanability.

APPLICATIONS & DUST TYPES

- Wood & paper dust
- Talc & cornstarch
- Sand & shot blasting
- Foundry sand
- Sanding dust
- Thermal spray
- Welding & soldering
- Fumed silica dust
- Steel grinding
- Laser cutting
- PVC dust
- Carbon black
- Toner dust

FILTERS TO FIT YOUR DUST COLLECTOR

We also offer replacement upgrade cartridges to fit nearly any type of collector including:

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- MAC Equipment
- Micro-Air
- Nordson
- Donaldson Torit
- UAS/Dust-Hog
- Wheelabrator
- Steelcraft
- Clark
- CMAXX

Camfil APC Retrofit Cartridges	Filter Media	Part No.	Model Name
Torit Downflo Oval Series L 26" (660mm) • Øo 11.36" x 14.36" (288mm x 365mm) Øo 8" x 11" (202mm x 279mm) Open top and bottom, internal and external metal cage	eXtreme Flame Retardant	228416-001	OVAL-L26-XF-195
	FR Carbon Impregnated	228416-002	OVAL-L26-FC-195
	eXtreme FR Carbon	228416-003	OVAL-L26-XFC-195