



DONALDSON TORIT OVAL RETROFIT FILTERS

For various DFO und DFPRO Systems

Applications

- ✓ Welding
- ✓ Grinding
- ✓ Plasma & laser cutting
- ✓ Shot blasting
- ✓ Foundry processes
- ✓ Metal polishing and lishing
- ✓ Powder coating
- ✓ Pharmaceutical processes
- ✓ Food processes

Dust types

- ✓ Dry dust types (non-explosive & explosive)
- ✓ Fibrous dusts and/or sticky dusts
- ✓ Metal process dust & fumes
- ✓ Carbon black & toners
- ✓ Plastic dusts
- ✓ Wood dusts
- ✓ Pharmaceutical dusts

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.

XF — Extreme Flame Retardant

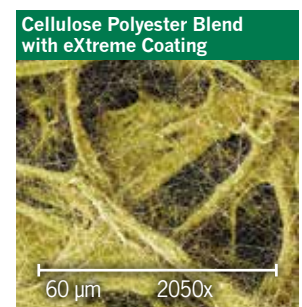
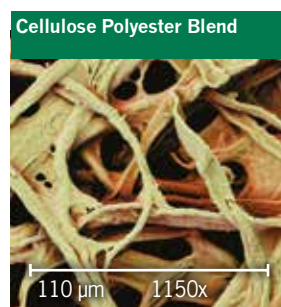
Blend of cellulose and polyester fibres, flame retardant properties with a surface layer of nanofibre (colour: white).

XFC — Extreme Flame Retardant & Carbon impregnated

Blend of cellulose and polyester fibres, flame retardant & impregnated with carbon for antistatic dissipation, includes a surface layer of nanofibre (colour: black).

EXTREME MEDIA

eXtreme nano fine fibers are applied to the surface of the patented HemiPleat filter to ensure we meet the European Standard for Dust Filters EN60335-2-69 Dust Class M.



LAB & FIELD TEST RESULTS

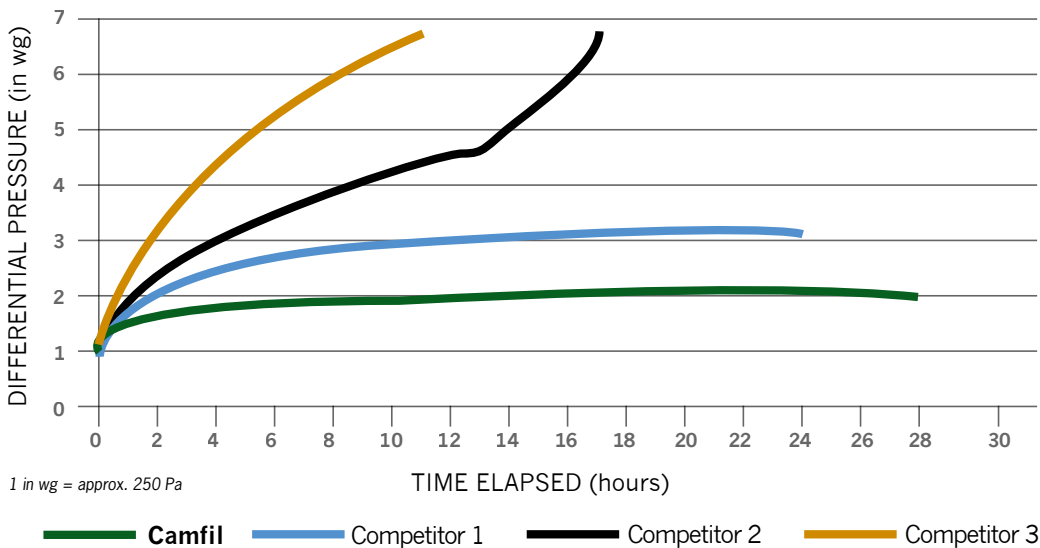
Camfil APC filters have: **What this means to you:**

- ✓ Lower pressure drop
- ✓ Better dust release
- ✓ Longer filter life
- ✓ Less energy consumption
- ✓ Fewer filter change outs
- ✓ Money savings



FIGURE 1

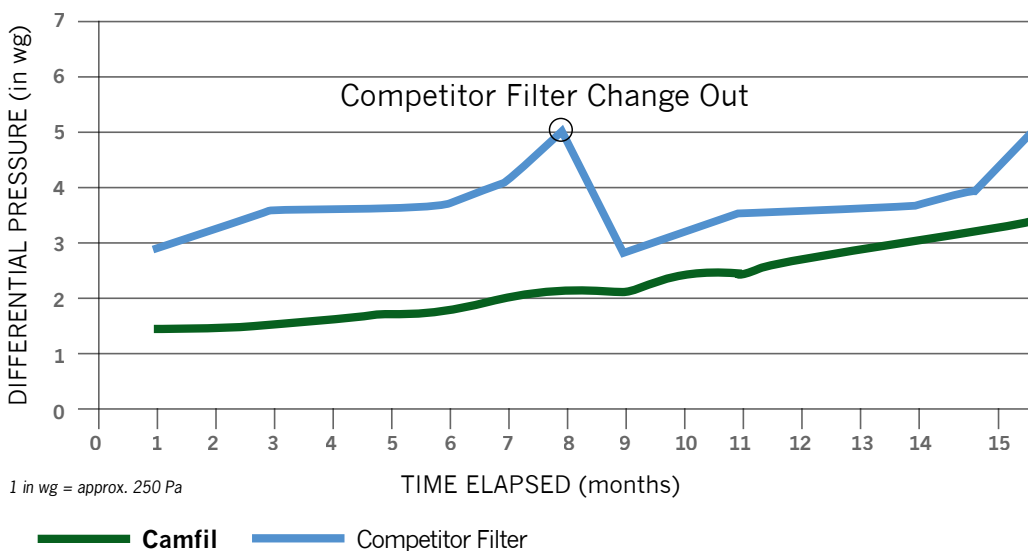
ACCELERATED LAB TEST



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.