PICTURED: HemiPleat Green Media

THE PROVEN PERFORMANCE OF OUR STATE-OF-THE-ART FILTERS WILL **SAVE YOUR TIME. SAVE YOUR ENERGY. SAVE YOUR MONEY.**

HEMIPLEAT® SAVING YOU MONEY

High-Performance Filtration
Patented Pleat Separation Technology
Lower Pressure Drop

CONTENTS

STATE-OF-THE-ART TECHNOLOGY

The techniques we use to manufacture the media packs of our filter cartridges are unique and patented. **Camfil APC®** is the only company to offer HemiPleat® technology.

An Introduction to HemiPleat

HemiPleat technology is, in short, the unique, patented method we use to create highly efficient pleated filter media that outlasts and outperforms competitive pleated media.

We use synthetic beads to hold the pleats of the cartridge open. Opening the pleats exposes more media to the air stream and creates a longer-lasting, higher-efficiency filter cartridge. Our techniques are not found in competitive cartridges, which are packed too tightly to properly utilize their media. Our pleating technology is a step above older pleating methods.

HemiPleat media lowers a filter's pressure drop and facilitates a better release of dusts during pulse cleaning. Using less compressed air and lowering the energy demand of the fan motor will save you money.

Technical Specifications

- **Efficiency**
  Up to 99.995% on particles 0.5 µm or larger, by weight.
- **Maximum Operating Temperature**
  160°F (71°C)

Features and Benefits

- Available for any dust collector
- 100% media usage
- Extended filter life
- High cleaning efficiency
- Saves your time, energy, and money

HEMIPLEAT® SAVING YOU MONEY

WITH OUR PATENTED PLEATING TECHNOLOGY, OUR FILTERS **OUTLAST** AND **OUTPERFORM** OTHER FILTERS.

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AIR POLLUTION CONTROL

PROVEN PERFORMANCE

INDEPENDENT TESTS CONFIRM THAT HEMIPLEAT® TECHNOLOGY WILL MAKE DUST COLLECTION UNITS WORK MORE EFFECTIVELY.

Testing

Our filter cartridges made with HemiPleat technology have been independently tested multiple times in the lab. Those tests show that HemiPleat technology greatly enhances pulse-jet cleaning.

Filter cartridges with HemiPleat technology capture more air pollutants and releases more of those pollutants when pulsed, resulting in a safer, cleaner work environment with less maintenance.

HemiPleat technology provides the lowest initial pressure drop and the lowest pressure drop that lasts through the lifetime of the filter.

Case Studies

We have a great track record in the field. Ask your representative for case studies for your application.

Test Results

For filters made with HemiPleat technology, tests showed that...

- HemiPleat filters have a lower pressure drop for a given airflow. (See top chart.)
- HemiPleat filters hold a larger volume of dust before needing to be cleaned, compared to filters without HemiPleat technology. (See bottom chart.)
- There is more usable media available for filtration in HemiPleat filters.
- Dust is ejected from deep within the HemiPleat filters during pulsing.

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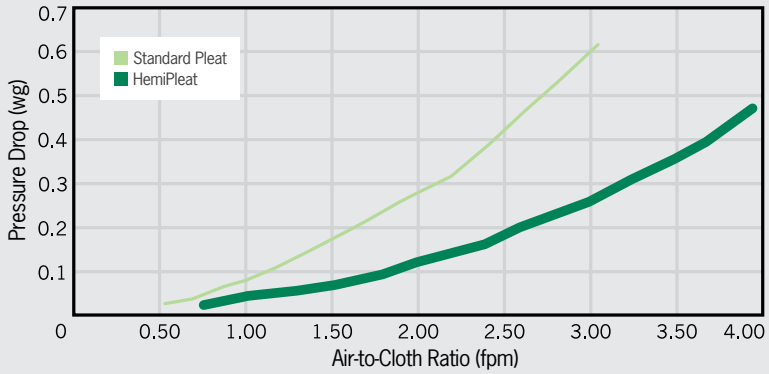
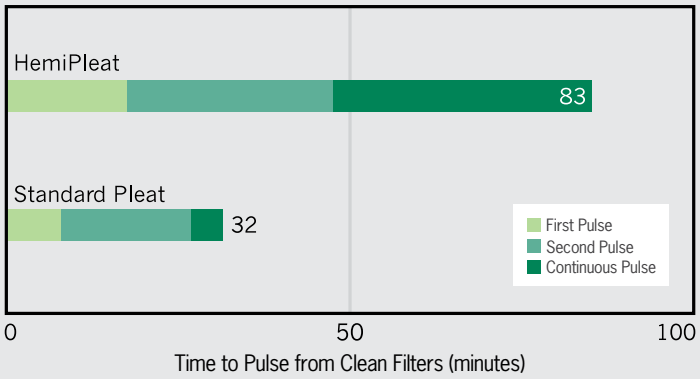
PRESSURE DROP V. AIR-TO-CLOTH RATIO



Less air resistance through the HemiPleat filters leads to a more efficient air flow through your dust collector.

PLEAT CONSTRUCTION V. PULSE TIMING



Units with HemiPleat filters installed will use less compressed air because they can hold more dust before needing to be cleaned.

USE LESS, SAVE MORE

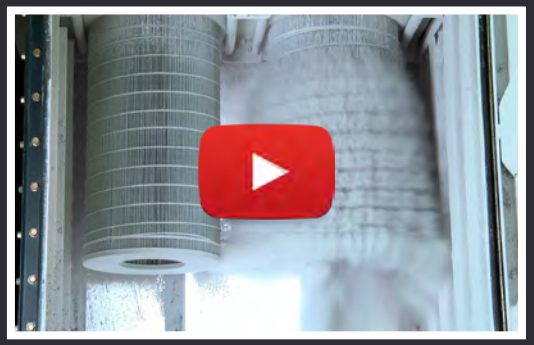
camfil AIR POLLUTION CONTROL

HEMIPLEAT® TECHNOLOGY

OLD TECHNOLOGY

it's an <open&shut> case

Pleats made with HemiPleat technology are uniform across the entire media and are held open instead of pressed together. Opening the pleats makes the entire media area usable. The difference in pleating quality can be seen in this side-by-side comparison against typical industry pleated media.



See how filters with HemiPleat technology release more dust than other filters.

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AIR POLLUTION CONTROL

MORE ABOUT FILTER MEDIA

HemiPleat Media Options

Camfil APC filters with HemiPleat technology utilize four types of filter media:

GR — Green
Our own blend of fibers with a moisture resistant treatment for the best dust release, long filter life and high filtration efficiencies.

FR — Flame Retardant
Our own blend of fibers, chemically treated with a fire retardant.

FC - FR Carbon Impregnated
Our own blend of fibers, impregnated with carbon fibers for static dissipation and chemically treated with a flame retardant

SY — Synthetic
A lightweight, washable polyester media.

HemiPleat filters are rated MERV 10 and higher*.

HEMIPLEAT® eXTREME eX

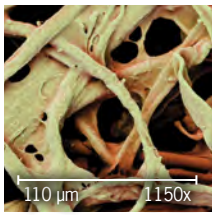
HEMIPLEAT® EXTREME REPRESENTS THE HIGHEST DEGREE OF EFFICIENCY AND FILTER LIFE ON THE MARKET.

HemiPleat eXtreme uses our tested and proven HemiPleat technology and base media with an additional triple layer of patented nanofibers applied to the media surface.

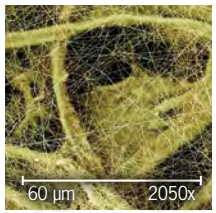
These nanofibers can be applied to any of our filter medias, giving you four more media options.

HemiPleat eXtreme filters are rated MERV 15*.

Camfil APC's Filter Media



Camfil APC's Filter Media with eXtreme coating



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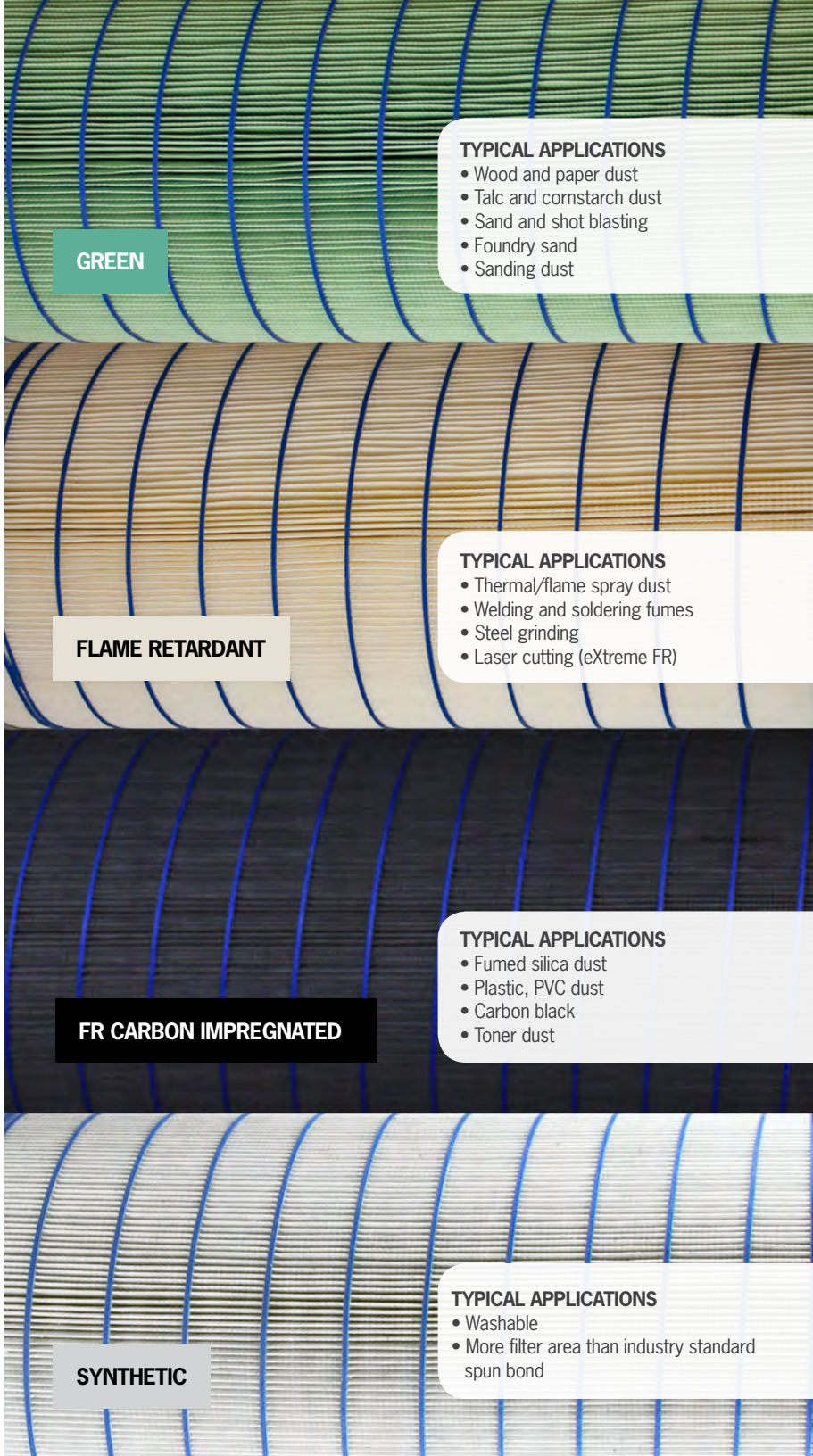
* The Minimum Efficiency Reporting Value (MERV) was determined by product testing conducted by an independent lab. ASHRAE standard 52.2.



Are you ready for your free quote?
Meet Your Rep

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HEMIPLEAT® TECHNOLOGY

ANY **FIT**
ANY **FILTER**
ANY **INDUSTRY**
ANY **APPLICATION**

We have thousands of filters cross-referenced and in stock, able to fit units of any size and shape. Our filters will also fit in most OEM equipment and come in a variety of media to meet demanding application requirements. We also carry specialized square, rectangular, jet 3, jet 4, and twist lock top pans.

WE WILL FIT ANY CONFIGURATION

ASK US ABOUT OUR RISK-FREE GUARANTEE

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