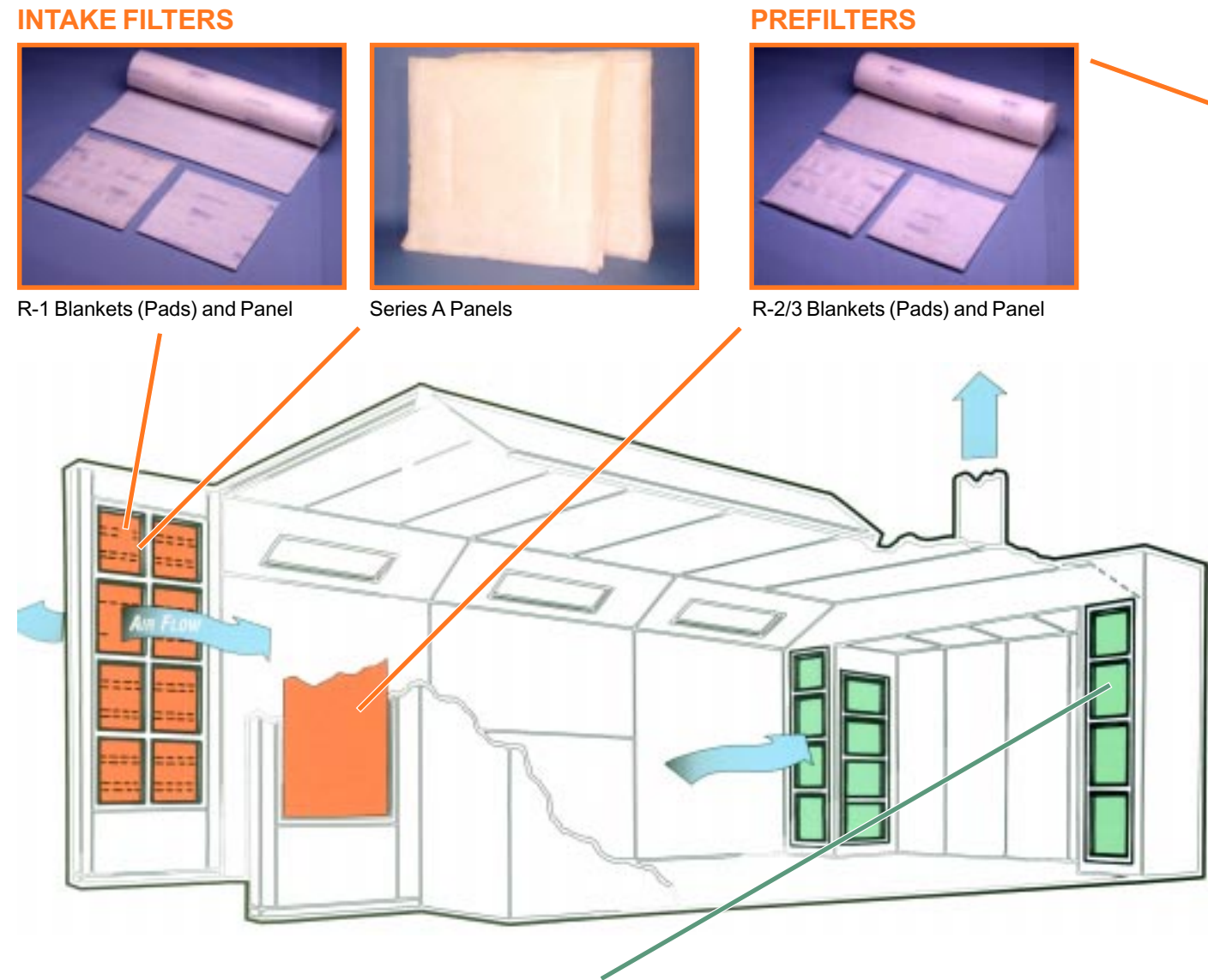
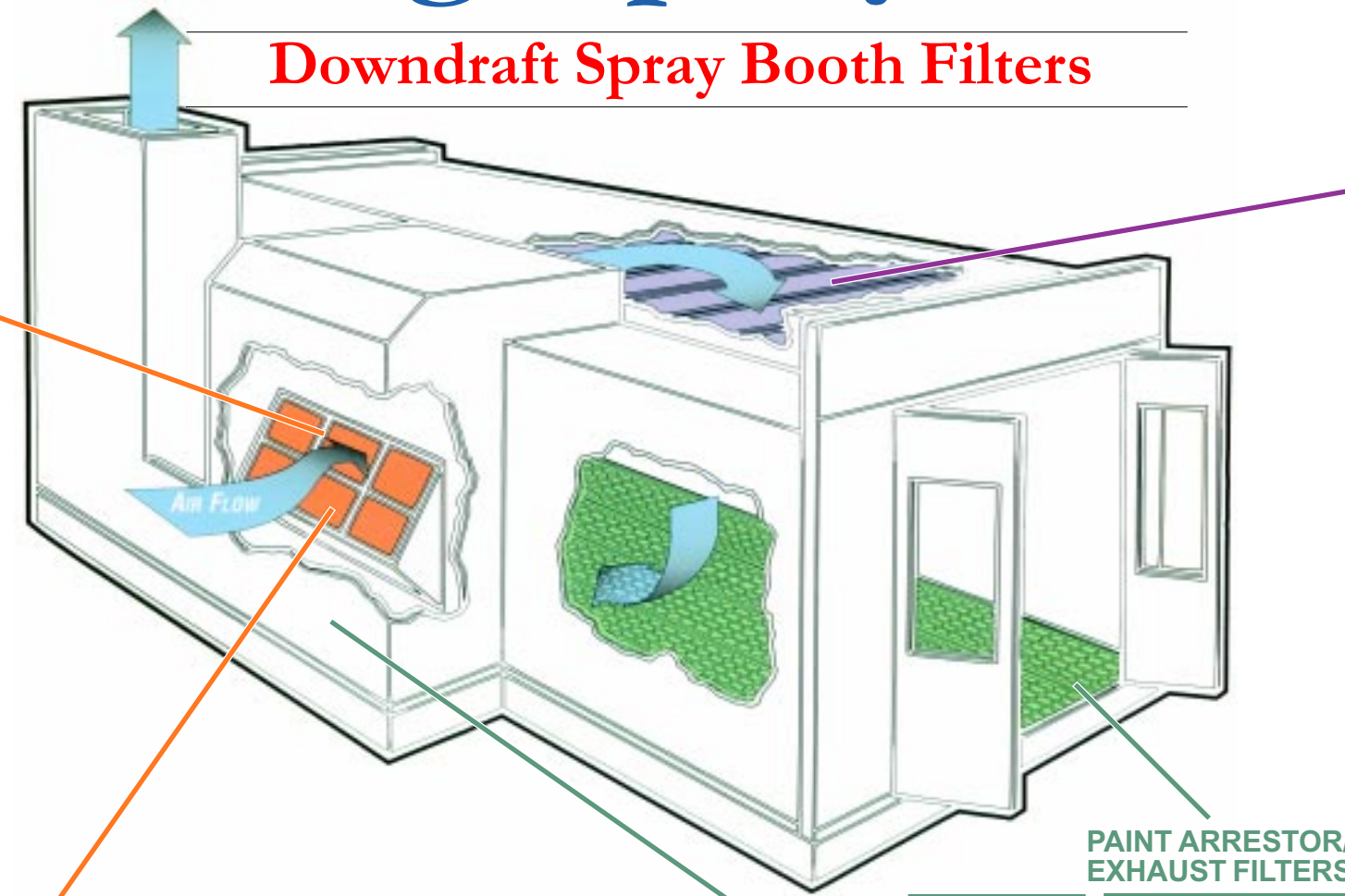


# Viledon Delivers the Latest Filtration Technology for Today's Demanding Spray Booth Requirements

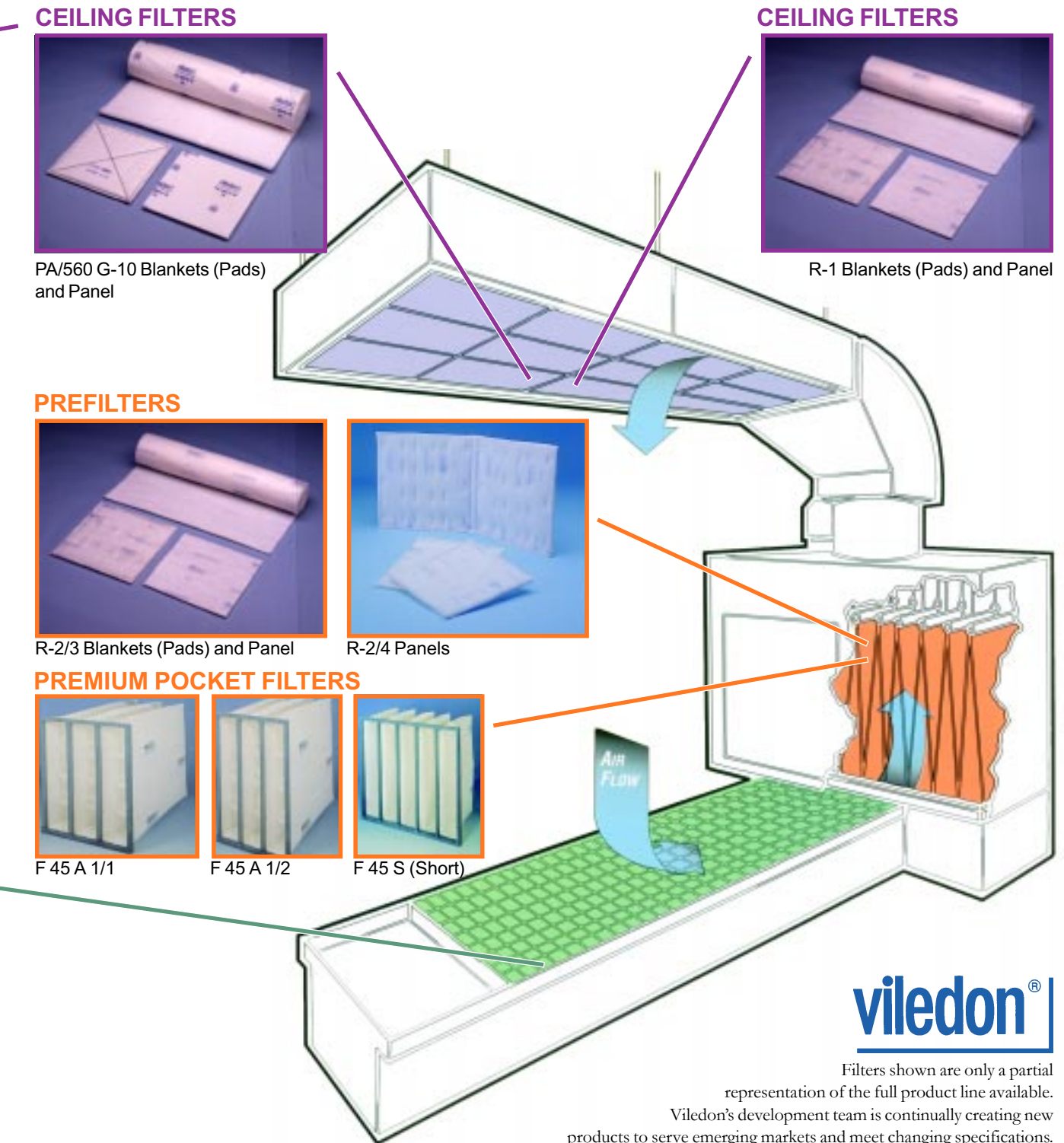
## Crossdraft Spray Booth Filters



## Downdraft Spray Booth Filters



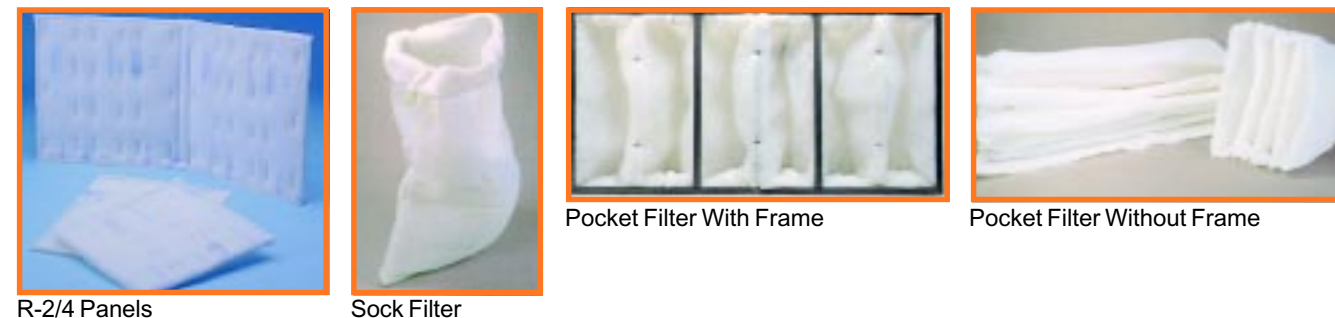
## Prep Station Filters



### PREMIUM POCKET FILTERS



### PREFILTERS



Filters shown are only a partial representation of the full product line available. Viledon's development team is continually creating new products to serve emerging markets and meet changing specifications.

# Viledon - Your Key to "OEM Results"

Advanced design Viledon air filters from Freudenberg are the first choice for surface finishing at more major auto plants than any other brand.

And the same defect-free, mirror-smooth finishes demanded by the OEMs are possible with your paint spray booth because there are Viledon filters to fit most surface finishing systems.

## HOW VILEDON FILTERS HELP YOUR BOOTH DELIVER PEAK PERFORMANCE

**CROSSDRAFT BOOTHS** draw in air horizontally through intake filters located in the doors or openings at the end of the booth. Viledon intake filters efficiently remove dust particles before they can enter the booth.

Viledon exhaust filters are designed to trap paint particles in the overspray and prevent them from building up on exhaust fans and ducts. Exhaust filters are located in openings at the air-leaving end of the booth.

**DOWN DRAFT BOOTHS** draw in air through prefilters usually located inside the air make-up unit on the side of the booth. After these pre-filters remove the larger dust particles, the air passes down through ceiling filters which capture and hold the remaining smaller dust particles. Viledon ceiling filters also

diffuse the air flow and distribute it evenly around the object being painted.

Exhaust filters are located in the floor or pit of the booth and filter out paint overspray to prevent buildup inside the exhaust system.

**PREP STATIONS** typically create a circular flow that first pulls air down through paint arrestors in the floor. The air is then drawn up through prefilters and finally down through ceiling filters in the overhead plenum. As with crossdraft and downdraft booths, Viledon offers a wide choice of the different filter types used in this application.

## THE ONLY TEST THAT COUNTS

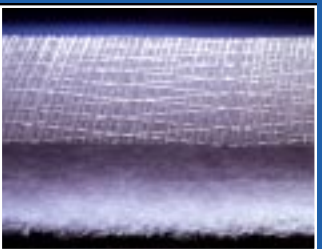
Viledon engineers have developed a tough migration test to realistically measure the number of paint-damaging particles that penetrate air filters under real life operating conditions. Test results show Viledon air filters are up to 35 times more efficient at capturing and retaining paint-damaging dust particles than our leading

competitors. For spray booth operators, this means fewer redo's and higher profits from day one.

Contact your nearest Viledon representative to get consistent, OEM results from your surface finishing system.

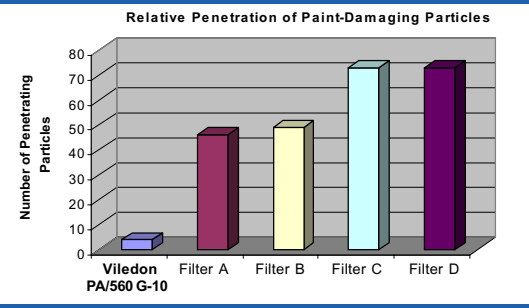
*For peak performance from any paint spray booth, be sure all filters are changed regularly.*

**WHAT VILEDON'S TECHNOLOGY MEANS TO YOU**



The progressively structured media, synthetic fibers, special dust holding adhesives and rugged, triaxial scrim in **Viledon PA/560 G-10** diffusion media deliver superior filtration performance, even air flow and longer service life.

**Viledon Migration Test Results**  
Migration tests show leading competitive brands routinely allow 25 to 35 times more paint-damaging particles inside a spray booth. That's why **PA/560 G-10** is the top choice of spray booth manufacturers and major automakers throughout North America.



Filter Type	Number of Penetrating Particles (Relative)
Viledon PA/560 G-10	~10
Filter A	~50
Filter B	~55
Filter C	~75
Filter D	~80

# The Viledon Sales, Distribution and Manufacturing Network

## READY TO SERVE YOU...COAST TO COAST ACROSS NORTH AMERICA

Viledon filters are made in the USA at Freudenberg's modern, highly automated manufacturing plant in Hopkinsville, Kentucky. At this single site, we have the resources, experience and technical expertise to create our own filter media, design and manufacture the finished product and ship it anywhere in North America. This special

ability gives us total quality control and an unmatched opportunity to optimize the products we produce. We have a parallel capability in Europe where Viledon filters are trusted and used in surface finishing and dozens of other demanding applications every day. Worldwide, Viledon is the name that stands for leadership in air filtration.



**Freudenberg**  
Freudenberg Nonwovens  
Filtration Division  
2975 Pembroke Road  
Hopkinsville, KY 42440

Tel: 1-800-542-2804  
Fax: 1-270-886-5878  
[www.viledon-filter.com](http://www.viledon-filter.com)

**viledon®**

Viledon® is a registered and protected trademark of Firma Carl Freudenberg. ©1998. Made in U.S.A. #24-AUTO9904

# Viledon® Filters

Your key to a Mirror Smooth Finish



## Product Application Guide

**Freudenberg**

**viledon®**