

## Diffusion Media

**MERV 9\***  
viledon migration test (S0)



Progressive media  
density enhances  
particle collection  
efficiency and life of  
filter



viledon's proprietary  
scrim eliminates  
fiber migration to  
ensure a  
mirror-smooth finish



VP Panels available in  
all standard sizes



**viledon** PA/560 G-10 micron is a progressively structured diffusion media created by viledon to optimize laminar air flow. Manufactured from thermally bonded synthetic fibers, viledon's diffusion media has set the standard in paint booth filtration world wide. viledon's filtration superiority, known as the **viledon difference**, is highlighted by the following:

► PA/560 G-10 is designed for 100% efficiency on 10 micron particles and larger, and 99% on 5 micron particles.

► PA/560 -10 qualifies for the highest (S0) class in the viledon migration test acknowledged throughout the market. For further information please contact your viledon representative.

► PA/560 G-10 has a proprietary tackifier completely encapsulating all fibers eliminating particle migration due to mechanical vibrations associated with paint spray booths. The PA-560 G-10 achieves maximum protection against migration of paint damaging particles for today's high-gloss finishes.

► PA/560 G-10 has a nominal thickness of 1 inch.

► PA/560 G-10 is self-extinguishing.

► Various options are available for systems demanding roll stock, cut sheets, pads or self-supporting panels.

► viledon's development team is continually creating new products to serve emerging markets and meet changing specifications.

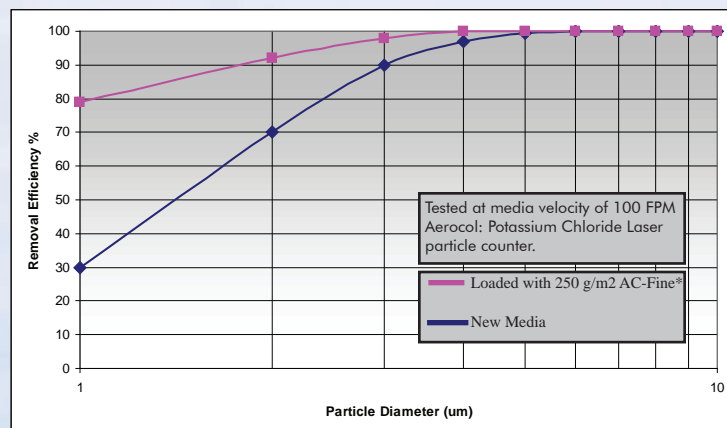
► PA-560 G-10 micron is resistant to solvent vapors and contains no silcones.

► **UL 900 Class 1**

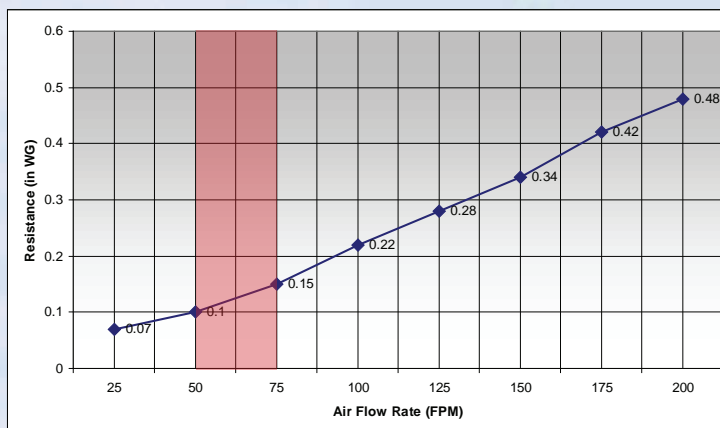
► Temperature resistance: Continuous 212°F, peaks at 250°F.

\*Tested @ 100 f.p.m.

## Particle Removal Efficiency



## Resistance Curve



Performance	Unit	PA/560 G-10
Media Velocity Resistance (100 FPM)	"w.g.	.22
Initial Resistance (60 FPM)	"w.g.	.13
<b>Robotic Zone</b> (50/75 FPM)	"w.g.	(.10/.15)
Average Efficiency on Particles >5 micron	%	>99.0
Thickness	in.	1.06

## PA/560 G-10 micron Characteristic Chart

Sizes	Unit	Sizes
Bulk Rolls	roll	83"x 65.7' (787")
Cut Pads	ea.	All standard sizes, Special sizes available upon your request.
VP Panels & Links	ea.	All standard sizes, Special sizes available upon request.

The figures given are mean values subject to tolerances due to normal production fluctuations. Our explicit written confirmation is always required for the correctness and applicability of the information involved in any particular case.

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