

VISKON-AIRE*

Air Filter Products

DustGuard Self-sealing Panel Filter

The Viskon-Aire* DustGuard self-seal panel filters are manufactured from high quality synthetic 2-ply polyester fibers. The media is progressively structured, and the internal wire supports and heat-sealed seams that eliminate media flutter and particle migration. The internal steel wire frame is welded, and springs into place with a force fit into the filter holding frame eliminating any air bypass around the filter. The DustGuard self-seal panel filters are an excellent choice for general HVAC systems, food processing, and other critical environments where point-of-use filtration is required. The DustGuard panel filter utilizes a perfect balance of efficiency and pressure drop to optimize performance over the life of the filter.



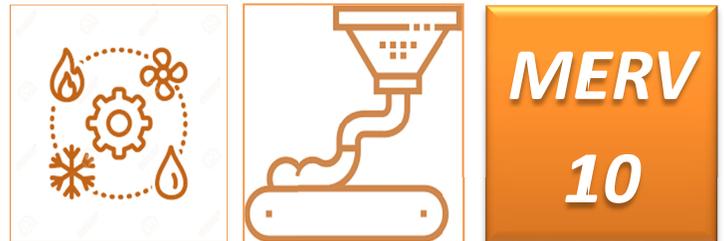
The DustGuard self-seal 2-ply panel filter can be used to upgrade any standard HVAC systems that utilize beverage board pleated panel filters or lose their structure in high humidity environments or replacement of less efficient panel filters.

The Viskon-Aire* DustGuard panel filter is tested to ASHRAE 52.2-2017.

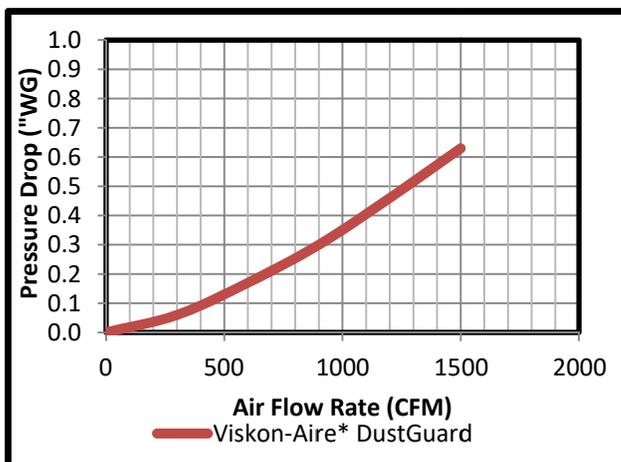
Performance	Results
Pressure Drop @ 1180 FPM	0.46" w.g. (Pa)
ASHRAE 52.2-2017	ASHRAE MERV 10
Particle Efficiency @ 5µm	90%
Tackification:	Dry
Media Thickness:	1.5" (22 mm)

DustGuard Self-seal panel filter benefits:

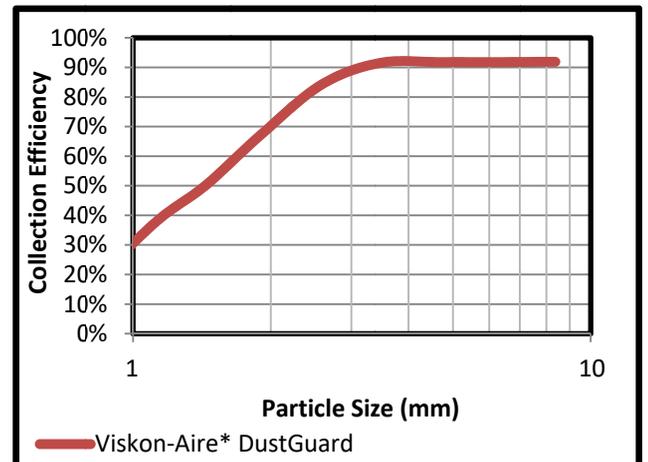
- 90% efficiency on 5µm particles
- Progressive media structure
- Self-extinguishing media
- Panel filters self-seal to eliminate any air bypass
- Dry non-migrating tackifier
- 100% RH resistance
- 11 gauge internal wire frame to support panel
- Excellent filter for general HVAC and food processing
- Continuous temperature of 212°F (60 °C) Peaks 250°F



Pressure Drop Curve



Particle Size Efficiency



“When Clean Air Is Critical”

Performance Technical Data:

Viskon-Aire* Model Number	MERV Rating EN779	Capacity CFM (m ³ /hr)	Initial Pressure Drop inches w.g. (Pa)	Particle Efficiency at 5µm (microns)
DustGuard 10-2424	10 (G4)	1180 (33.4 M ³ /min)	0.46 w.g. (114 Pa)	90%

Performance Data Notes for Visikon-Aire* Filters:

1. Pressure drop represents inches of water (0.46" w.g.) at 295 FPM, with the filter being in a clean condition. Final pressure drop is recommended to 1.0" w.g. ; however, it is recommended that the pressure drop change out point should be selected on the basis of the loading of the pads during the operational life of the filter.
2. Efficiency is based upon ASHRAE Test Standard 52.2-2017

Product Shipping & Packaging Information for Pads, Rolls, & Self-seal Panel Filters:

Filter Model #	Size (mm)	Weight Lbs (kg)	Packaging	Carton Dimensions Inches (mm)
	All Standard Sizes		TBD	
DustGuard Bulk Roll	80"x67' (2032 x 20,421)		Plastic Bag	Plastic Bag
DustGuard 10-2424	24" x 24" x 1" (610x610x25.6)		20/case	27" x 27" x 17" (686x686x432)
DustGuard 10-2020	20" x 20" x 1" (508x508x25.6)		20/case	22" x 22" x 22" (559x559x559)
DustGuard 10-2024	20" x 24" x 1" (508x609x25.6)		20/case	
DustGuard 10-2025	20" x 25" x 1" (508x635x25.6)		20/case	

Note: Slit rolls available, all standard self-seal panel filters available - call factory

Viskon-Aire Corporation has a policy of continuous research & development and reserves the right to change the design and specifications without notice.

Viskon-Aire Corporation
 Telephone: (410)-543-8802 ✦ Email: sales@viskon-aire.com
 F.O.B. Salisbury, Maryland
www.Viskon-Aire.com