

## PERFORMANCE DATA SHEET 2" MINI PLEAT



MAKE THE AEOLUS 2 INCH MINI PLEAT YOUR CHOICE:

- Superior media & compact size
- Fewer filter changes
- Wide range of efficiencies
- Outstanding pleat stability
- Improved frame rigidity
- Waterproof construction
- Helps to meet LEED criteria

Our 2 inch Synthetic Mini Pleat Panel Filter has an incredible amount of media area – 4 to 5 times the area of most pleated filters of the same size. They are 100% waterproof and have industry leading product rigidity & blow out strength, ensuring you will experience superior air quality and long service life. Aeolus Filters are built to last and perform even in the toughest applications.

UL 900 Class 2 U.S. certified

Standard and special sizes available

Completely hydrophobic

Continuous operating temperature up to 175° F (80° C), short term up to 210° F (100° C)

Can be operated up to 125% of rated air flow, higher air flows are possible – please ask

Recommended final resistance is 1.50 in w.g., higher final pressure drops are possible

### DESIGN

Aeolus 2 inch Mini Pleat Panel Filters feature synthetic microfiber filter media with a 3-dimensional, progressive design for optimum dust holding capacities. Our Aeotec Filters ("AT" products) even contain nanofibers which are uniquely integrated into the filter media to capture the smallest particles. All our fibers are produced in a solvent-free, melt-based and environmentally friendly proprietary process and do not contain any chemical binder. The endless synthetic fibers are highly damage resistant and produce a filter (unlike other synthetic and fiberglass filters) that is completely non-shedding.

### APPLICATIONS

Aeolus 2 inch Mini Pleat Panel Filters are used in a variety of applications where technical reliability and a long service life are a must. From HVAC systems in office buildings, schools and factories to the extreme environment of hazardous waste removal and reclamation, Aeolus offers solutions for all your filtration challenges. The high efficiency Aeolus filters allow the replacement of glass fiber filters, even in sensitive applications such as the pharmaceutical industry, health care facilities and as pre-filters in clean rooms. Due to the 100% synthetic construction, Aeolus offers unsurpassed performance in humid and wet environments.

### TECHNICAL DATA 2" MINI PLEAT

Product	Efficiency range	MERV classification	Air Flow [cfm]			
			700	1060	1300	1968
SMP95 AT	95-100%	MERV 15	0.35	0.59	0.77	1.30
SMP14EE	90-95%	MERV 14	0.13	0.23	0.29	0.47
SMP80	80-90%	MERV 13	0.12	0.21	0.28	0.46
SMP12AT	70-75%	MERV 12	0.06	0.11	0.14	0.26
SMP11AT	50-55%	MERV 11	0.06	0.10	0.13	0.22

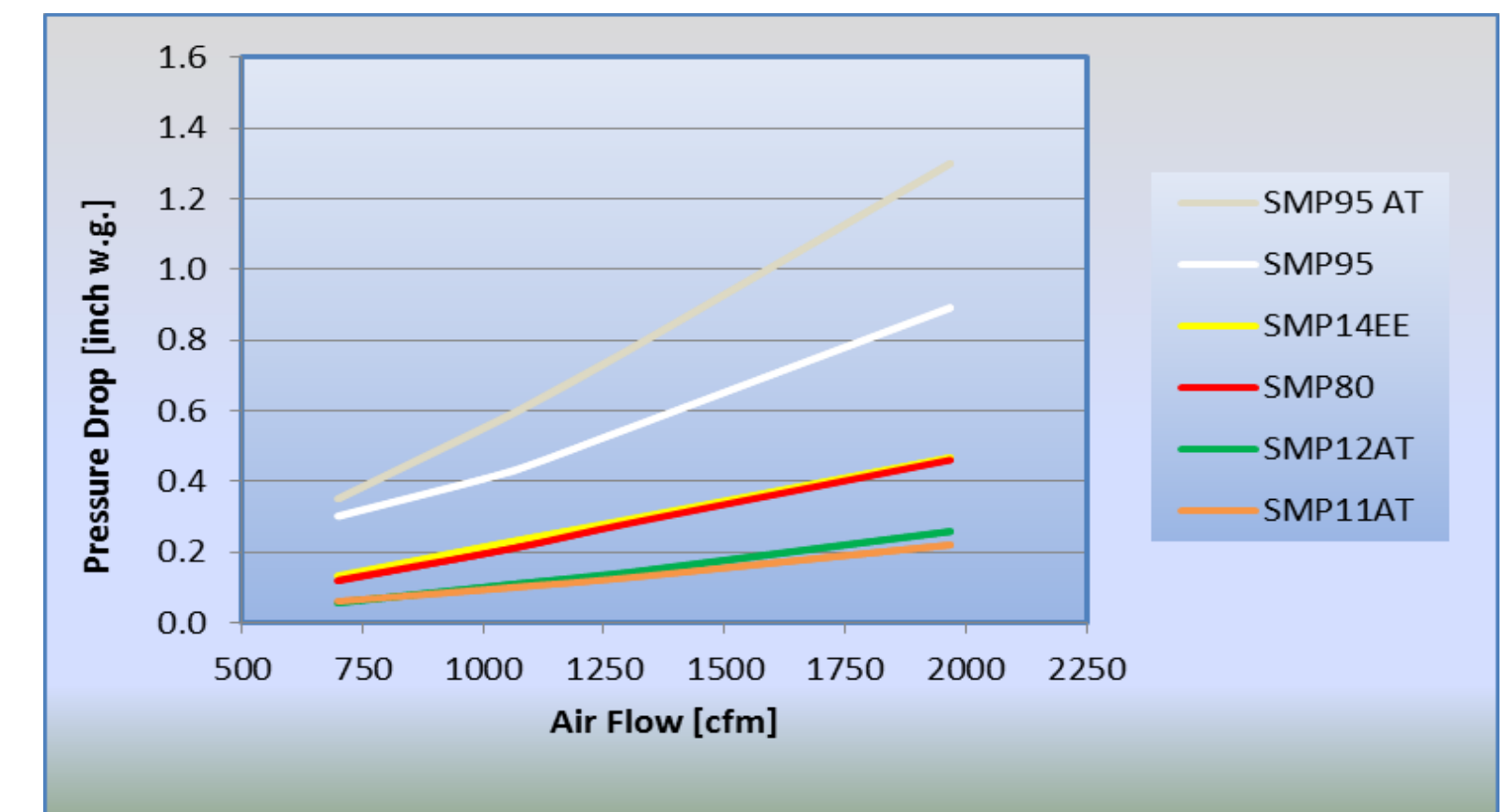


Fig. 1: Pressure Drop Data of Aeolus 2 inch Mini Pleat Panel Filters

24x24x2"

Higher air flows possible

THE FULLY SYNTHETIC SOLUTION TO YOUR FILTRATION NEEDS

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