

## PERFORMANCE DATA SHEET - 2" MiniPleat



### MAKE THE AEOLUS 2 INCH MINI PLEAT YOUR CHOICE!

- ✓ Superior media area, compact size
- ✓ Fewer filter changes
- ✓ Wide range of efficiencies
- ✓ Outstanding pleat stability
- ✓ Improved frame rigidity
- ✓ Low storage and shipping costs
- ✓ Waterproof construction
- ✓ Helps to meet LEED criteria



Our 2 inch All Synthetic Mini Pleat Panel Filter gives you an incredible amount of media area having 4 to 5 times the area of most pleated filter of the same size. Together with being 100 % waterproof and having industry leading product rigidity and blow out strength you will experience superior air quality and long service life. Aeolus Filters are built to last and perform even in the toughest applications.

**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 that unlike other synthetic and fiberglass filters is totally 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. Aeolus services all applications with now downstream release of shedded fibers. Due to the 100% synthetic construction Aeolus offers unsurpassed performance in humid and wet environments and will not support microbial growth.

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## TECHNICAL DATA 2" Mini Pleat

Product	Efficiency range	MERV classification	Air Flow [cfm]			
			700	1060	1300	1968
SMP95AT	95-100%	MERV 16	0.36	0.53	0.67	1.23
SMP95	90-98%	MERV 15	0.27	0.44	0.55	0.91
SMP14EE	90-95%	MERV 14	0.12	0.19	0.23	0.41
SMP80	80-90%	MERV 13	0.13	0.21	0.28	0.47
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

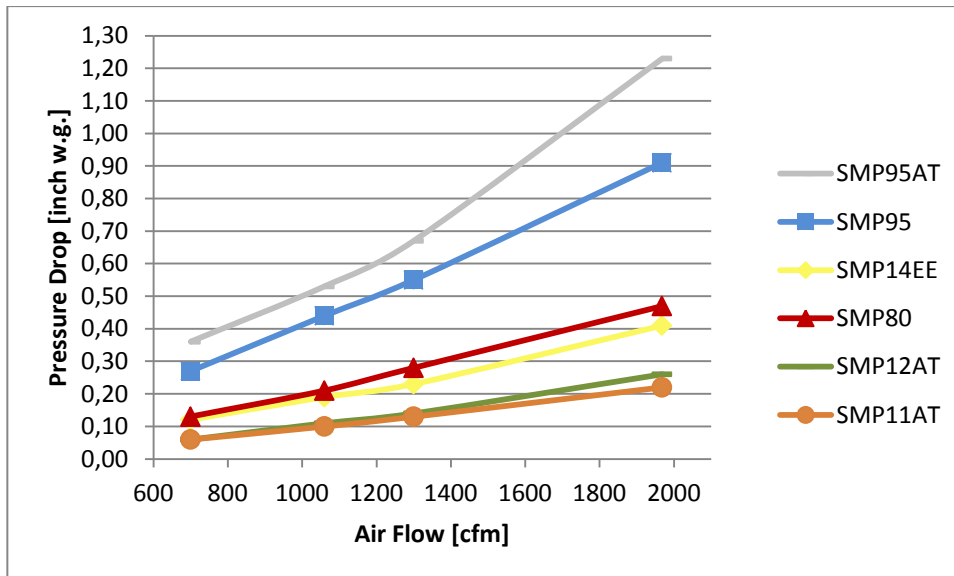


Fig. 1: Pressure Drop Data of Aeolus 2 inch Mini Pleat Panel Filters 24x24x2", Higher air flows possible

- ✓ UL 900 Class 2 U.S. certified
- ✓ Standard and special sizes available
- ✓ Inherent antimicrobial properties
- ✓ 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 flow of up to 500 fpm is possible – please ask
- ✓ Recommended final resistance is 1.50 in w.g., higher pressure drops are possible – please ask