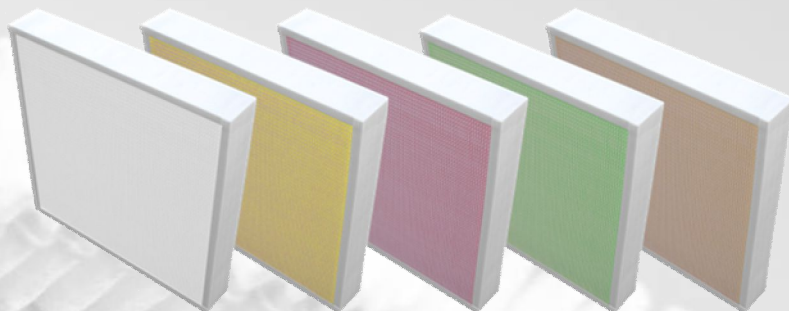
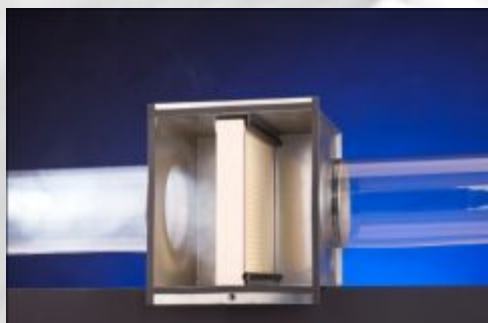




PERFORMANCE DATA SHEET 4" Mini Pleat



THE FULLY SYNTHETIC SOLUTION TO YOUR FILTRATION NEEDS



Our 4 inch All Synthetic Mini Pleat Panel Filter gives you an incredible amount of filter media area having up to several times the area of most other filters of the same size.. For many applications the 4 inch Mini Pleat is the best choice, providing an excellent service life at low overall energy costs.

DESIGN. Aeolus 4 inch Mini Pleat Panel Filters feature synthetic microfiber filter media with a 3-dimensional, progressive design for optimum dust holding capacities. Our Aetec 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 fibers are highly damage resistant and totally non-shedding.

PLEAT TECHNOLOGY. Aeolus filters provide a unique pleating technology that leads to the excellent product strength Aeolus filters are known for. It also helps maintain the perfect V-shaped pleat geometry throughout handling and service life. Optimum air flow is assured under all operating conditions.

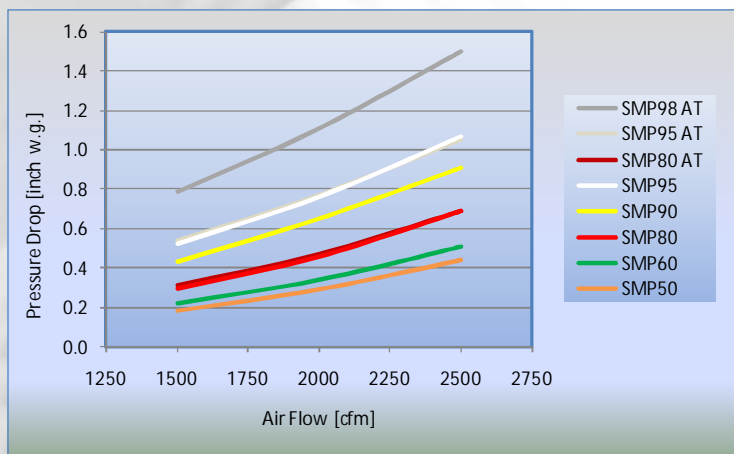

APPLICATIONS. Aeolus 4 inch Mini Pleat Panel Filters are used in a wide variety of applications where a long service life is important. The large media area and the high dust holding capacities lead to fewer filter changes and lower energy costs as pressure drop remains low for longer periods. The high mechanical efficiency of Aeolus filters helps to assure a higher level of indoor air quality to protect people and equipment from the effects of airborne contaminants.

MAKE THE AEOLUS 4 INCH MINI PLEAT YOUR CHOICE:

- ✓ Superior media area, compact size
- ✓ Fewer filter changes
- ✓ Optimum filter for most applications
- ✓ Outstanding pleat stability
- ✓ Improved frame rigidity
- ✓ Incinerable construction
- ✓ Waterproof construction
- ✓ Helps to meet LEED criteria
- ✓ Lower cost of ownership

TECHNICAL DATA 4" Mini Pleat

Product	Efficiency range	MERV classification	Air Flow [cfm]		
			1500	2000	2500
SMP98 AT	98-100%	MERV 16+ (95 DOP)	0.79	1.11	1.50
SMP95 AT	98-100%	MERV 16	0.54	0.77	1.05
SMP80 AT	80-90%	MERV 13-A	0.31	0.47	0.69
SMP95	90-98%	MERV 15	0.52	0.76	1.07
SMP90	90-95%	MERV 14	0.43	0.65	0.91
SMP80	80-90%	MERV 13	0.30	0.46	0.69
SMP60	70-75%	MERV 12	0.22	0.34	0.51
SMP50	30-35%	MERV 8	0.18	0.29	0.44

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Fig. 1: Pressure Drop Data of Aeolus 4 inch Mini Pleat Panel Filters 24x24x4", recommended airflow: 2000 cfm / 500 fpm
Independently Tested

UL 900 Class 1 U.S. certified

Standard and special sizes available

Inherent antimicrobial properties

Completely hydrophobic

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

Can be operated up to 125% of rated air flow

Recommended final resistance is 1.50 in w.g., higher resistances are possible – please ask