

## Aero Pleat XL - Heavy Duty Pleated Filters



### Aerofil Models

#### Aero Pleat XL-SC

Filters with 10 pleats per linear foot  
Available in 25mm, 45mm and 95mm depths

#### Aero Pleat XL-HC

Filters with 15 pleats per linear foot  
Available in 25mm, 45mm and 95mm depths

Wet Strength Beverage board Frames    Low Pressure drop    High Dust Holding Capacity

### Filter Description

Aero Pleat XL SC / HC filters are designed as a heavy duty pre filter in HVAC and air intake applications. Filters are rated with MERV 7/ G4 / EU4 efficiency. Aero Pleat XL-SC filters with standard capacity has a pleat distribution of 10 pleats per linear foot. Aero Pleat XL-HC filters are made with pleat distribution of 15 pleats per linear foot. Filters are available in 1"/25mm, 2"/45mm and 4"/95mm depths. Tailor made sizes are also offered along with standard sizes.

### Media Features and Technical Details

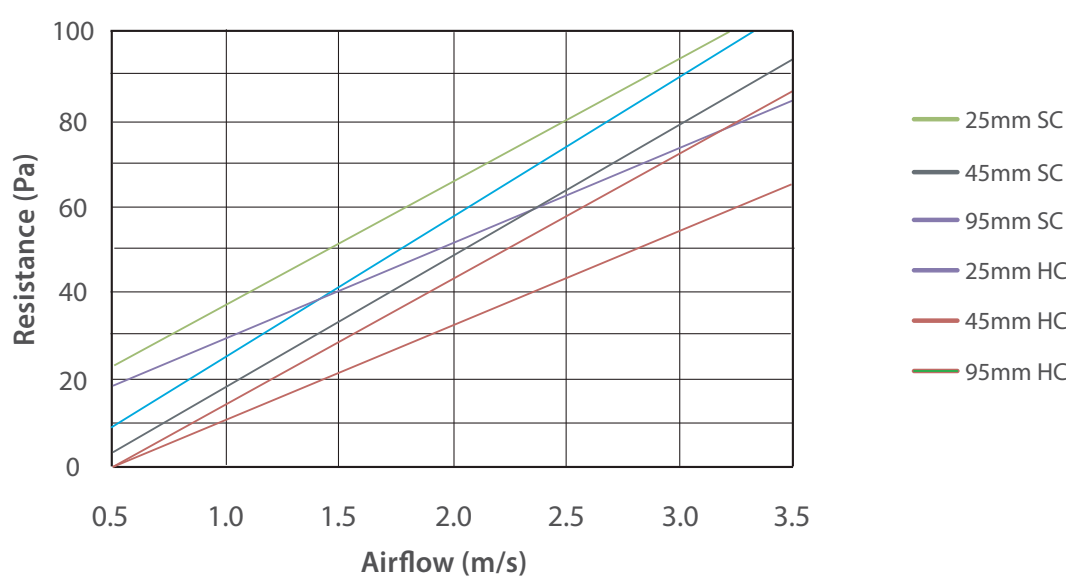
Filters are made up of higher grammage polyester filter media having deep loading characteristics. This media is then laminated to an expanded wire grid and pleated in perfect V shape. Pleated packs go into a wet strength card board frame. Filter use good amount of adhesive to ensure desired efficiency. Filter make use of finger separators which holds pleats during higher velocity operations.

- Rated Average Efficiency (%) : 30 - 35
- Rated Average Arrestance (%) : 95 - 97
- Final Resistance : 250 Pa
- Rated Velocity - 2.5 meter per second

www.aerofil.de



### Aero Pleat XL - Airflow vs. Initial Resistance



### Selection Chart ▼

Model	Nominal Size (Inches)	Actual Size (mm)	Pleats per linear foot	Rated Airflow (CMH)			Initial Resistance (Pa)		
				@1.5 m/s	@2.5 m/s	@3.17 m/s	@1.5 m/s	@2.5 m/s	@3.17 m/s
APPXLSC-24-1	12 x 24 x 1	292 x 592 x 25	10	1000	1700	2125	48	82	98
APPXLSC-04-1	20 x 24 x 1	492 x 592 x 25	10	1650	2720	3400	48	82	98
APPXLSC-44-1	24 x 24 x 1	592 x 592 x 25	10	2000	3400	4250	48	82	98
APPXLSC-24-2	12 x 24 x 2	292 x 592 x 45	10	1000	1700	2125	32	62	88
APPXLSC-04-2	20 x 24 x 2	492 x 592 x 45	10	1650	2720	3400	32	62	88
APPXLSC-44-2	24 x 24 x 2	592 x 592 x 45	10	2000	3400	4250	32	62	88
APPXLSC-24-4	12 x 24 x 4	292 x 592 x 95	10	1000	1700	2125	28	48	72
APPXLSC-04-4	20 x 24 x 4	492 x 592 x 95	10	1650	2720	3400	28	48	72
APPXLSC-44-4	24 x 24 x 4	592 x 592 x 95	10	2000	3400	4250	28	48	72
APPXLHC-24-1	12 x 24 x 1	292 x 592 x 25	15	1000	1700	2125	40	74	88
APPXLHC-04-1	20 x 24 x 1	492 x 592 x 25	15	1650	2720	3400	40	74	88
APPXLHC-44-1	24 x 24 x 1	592 x 592 x 25	15	2000	3400	4250	40	74	88
APPXLHC-24-2	12 x 24 x 2	292 x 592 x 45	15	1000	1700	2125	26	56	80
APPXLHC-04-2	20 x 24 x 2	492 x 592 x 45	15	1650	2720	3400	26	56	80
APPXLHC-44-2	24 x 24 x 2	592 x 592 x 45	15	2000	3400	4250	26	56	80
APPXLHC-24-4	12 x 24 x 4	292 x 592 x 95	15	1000	1700	2125	22	40	64
APPXLHC-04-4	20 x 24 x 4	492 x 592 x 95	15	1650	2720	3400	22	40	64
APPXLHC-44-4	24 x 24 x 4	592 x 592 x 95	15	2000	3400	4250	22	40	64

● Please contact factory for non-standard dimensions

All data are average indicative values with usual manufacturing and testing tolerances. We reserve the right to modify performance data without prior notices due to the constant technical improvement.  
© Copyright: Every effort has been made to ensure that the information contained in this publication is accurate at the time of publishing. We assume no responsibility or liability for typographical errors or omissions or for any misinterpretation of the information within the publication and reserves the right to change without notice.

