

## Aero Pleat 40 - Disposable Pleated Filters

Aero Pleat filters are designed as a pre filter in air conditioning and air intake applications. The filters are made up of cotton and synthetic fibers and are encased in wet strength card board. Filters are classified with MERV9/F5/EU5 efficiency. Aero Pleat SC-filters with standard capacity are made with pleat distribution of 10 pleats per linear foot. Aero Pleat HC - filters with high capacity are made with a pleat distribution of 15 pleats per linear foot. Filters are available in 1"/25mm, 2"/45mm and 4"/95mm depths. Tailor made sizes are offered in addition to standard sizes.

### Aerofil Models

#### Aero Pleat 40 SC

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

#### Aero Pleat 40 HC

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

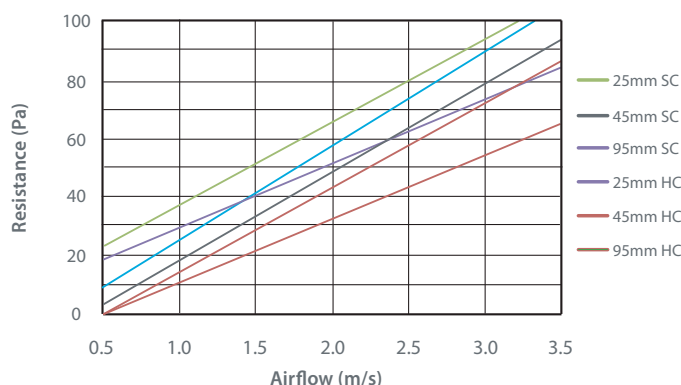


### Media Features and Technical Details

Aero pleat 40 filters are manufactured from high quality polycotton or synthetic media. Filter media is firmly bonded to a corrosion resistant expanded metal mesh on the air leaving side. Filter media is pleated to desired pack height and encased in a heavy duty wet strength card boards. Media packs will be fixed in a multi layered frame to make a leak free filter.

- Rated Average Efficiency (%) : 45-50%
- Rated Average Arrestance (%) : 96 - 98
- Final Resistance : 250 Pa

Aero Pleat 40 - 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
APSC40-24-1	12 x 24 x 1	292 x 592 x 25	10	1000	1700	2125	52	90	108
APSC40-04-1	20 x 24 x 1	492 x 592 x 25	10	1650	2720	3400	52	90	108
APSC40-44-1	24 x 24 x 1	592 x 592 x 25	10	2000	3400	4250	52	90	108
APSC40-24-2	12 x 24 x 2	292 x 592 x 45	10	1000	1700	2125	35	68	95
APSC40-04-2	20 x 24 x 2	492 x 592 x 45	10	1650	2720	3400	35	68	95
APSC40-44-2	24 x 24 x 2	592 x 592 x 45	10	2000	3400	4250	35	68	95
APSC40-24-4	12 x 24 x 4	292 x 592 x 95	10	1000	1700	2125	30	52	80
APSC40-04-4	20 x 24 x 4	492 x 592 x 95	10	1650	2720	3400	30	52	80
APSC40-44-4	24 x 24 x 4	592 x 592 x 95	10	2000	3400	4250	30	52	80
APHC40-24-1	12 x 24 x 1	292 x 592 x 25	15	1000	1700	2125	44	81	96
APHC40-04-1	20 x 24 x 1	492 x 592 x 25	15	1650	2720	3400	44	81	96
APHC40-44-1	24 x 24 x 1	592 x 592 x 25	15	2000	3400	4250	44	81	96
APHC40-24-2	12 x 24 x 2	292 x 592 x 45	15	1000	1700	2125	29	61	88
APHC40-04-2	20 x 24 x 2	492 x 592 x 45	15	1650	2720	3400	29	61	88
APHC40-44-2	24 x 24 x 2	592 x 592 x 45	15	2000	3400	4250	29	61	88
APHC40-24-4	12 x 24 x 4	292 x 592 x 95	15	1000	1700	2125	22	44	70
APHC40-04-4	20 x 24 x 4	492 x 592 x 95	15	1650	2720	3400	22	44	70
APHC40-44-4	24 x 24 x 4	592 x 592 x 95	15	2000	3400	4250	22	44	70

● 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.

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