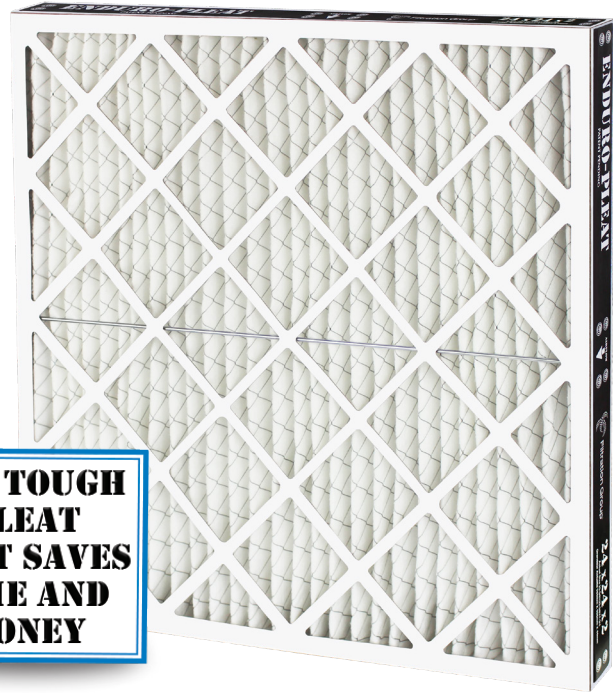


PRODUCT OVERVIEW

- MERV 13
- Available in 2" & 4" depths with steel support frame
- Ideal for use in
 - Demanding environments where MERV 13 is required
 - Office and Retail
 - Manufacturing and Distribution
 - Food Processing
 - Government and Educational facilities
 - Doctor offices, assisted living facilities and Hospitals
 - Hotels and Airports
 - High flow-rate applications



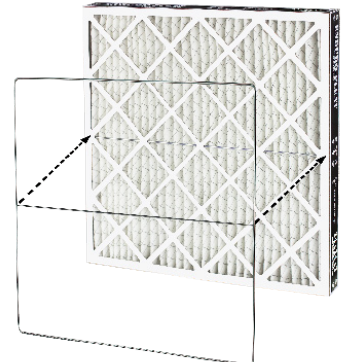
**THE TOUGH
PLEAT
THAT SAVES
TIME AND
MONEY**

AEROSTAR ENDURO-PLEAT® X3

WHY THE ENDURO-PLEAT X3?

- Engineered for the harshest HVAC environments where traditional pleats are prone to collapsing
 - extreme rain and snow weather
 - dry high dust environments
 - high flow rate applications
- Stronger components for longer and guaranteed service life in all applications
 - Patented* Heavy duty die-cut frame
 - Internal reinforcement from steel frame
 - Advanced, dual-component, synthetic dust absorbing media
- Low resistance to air flow, keeping energy costs low
- Promotes high levels of filtration during entire life cycle
- Provides points toward LEED certification
- Captures approximately 4x the amount of particles in the 2-3 micron range when compared to a MERV 8 filter, which -
 - Keeps coils and ductwork cleaner
 - Keeps people in the building healthier

Internal reinforcement from steel frame to stand up to the most demanding of applications, guaranteed**



*U.S. Patent 10,232,295 B2

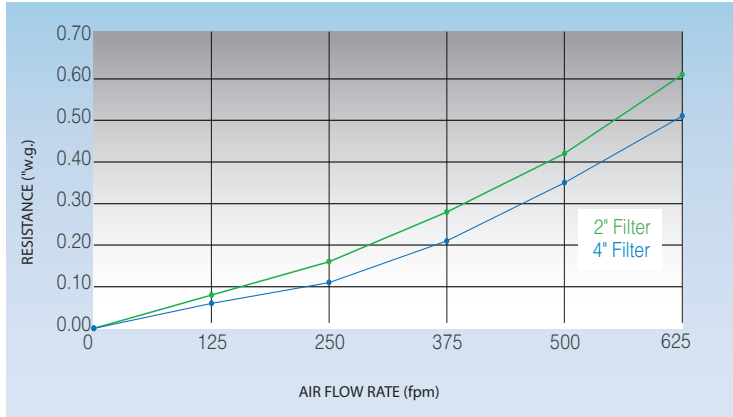
**Contact sales or customer care for guarantee details

AEROSTAR® ENDURO-PLEAT® X3

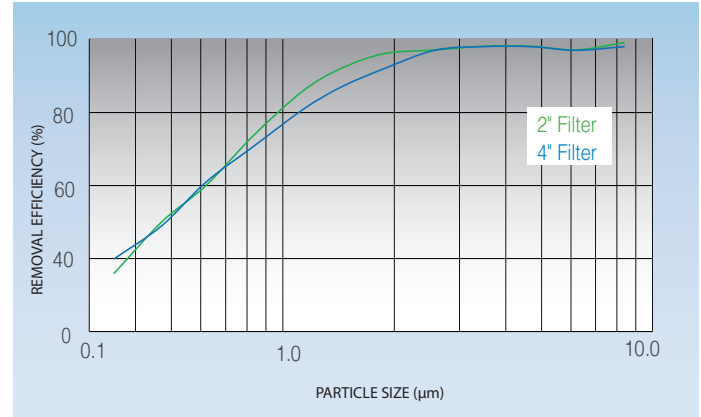
PERFORMANCE DATA (24 x 24)

CAPACITY	FILTER DEPTH	INITIAL RESISTANCE ("w.g.)			MAX SUSTAINED RESISTANCE ("w.g.)
		375 fpm	500 fpm	625 fpm	
High	2"	0.28	0.42	0.61	2.0
	4"	0.21	0.35	0.51	2.0

INITIAL RESISTANCE (24 x 24)



MINIMUM REMOVAL EFFICIENCY (24 x 24)



PRODUCT DATA

PART NUMBER	NOMINAL SIZE* (H" x W" x D")	ACTUAL SIZE (H" x W" x D")	CFM CAPABILITIES	
			375 fpm	500 fpm
25212242SF	12 x 24 x 2	11 3/8 x 23 3/8 x 1 3/4	750	1000
25214252SF	14 x 25 x 2	13 1/2 x 24 1/2 x 1 3/4	900	1215
25216202SF	16 x 20 x 2	15 1/2 x 19 1/2 x 1 3/4	825	1100
25216242SF	16 x 24 x 2	15 3/8 x 23 3/8 x 1 3/4	1000	1325
25216252SF	16 x 25 x 2	15 1/2 x 24 1/2 x 1 3/4	1050	1400
25218242SF	18 x 24 x 2	17 3/8 x 23 3/8 x 1 3/4	1125	1500
25218252SF	18 x 25 x 2	17 1/2 x 24 1/2 x 1 3/4	1175	1550
25220202SF	20 x 20 x 2	19 1/2 x 19 1/2 x 1 3/4	1050	1400
25220242SF	20 x 24 x 2	19 3/8 x 23 3/8 x 1 3/4	1250	1650
25220252SF	20 x 25 x 2	19 1/2 x 24 1/2 x 1 3/4	1300	1750
25220302SF	20 x 30 x 2	19 3/4 x 29 3/4 x 1 3/4	1575	2100
25224242SF	24 x 24 x 2	23 3/8 x 23 3/8 x 1 3/4	1500	2000

PART NUMBER	NOMINAL SIZE* (H" x W" x D")	ACTUAL SIZE (H" x W" x D")	CFM CAPABILITIES	
			500 fpm	625 fpm
25212244SF	12 x 24 x 4	11 3/8 x 23 3/8 x 3 3/4	1000	1250
25216204SF	16 x 20 x 4	15 1/2 x 19 1/2 x 3 3/4	1100	1400
25216254SF	16 x 25 x 4	15 1/2 x 24 1/2 x 3 3/4	1400	1750
25218244SF	18 x 24 x 4	17 3/8 x 23 3/8 x 3 3/4	1500	1875
25220204SF	20 x 20 x 4	19 1/2 x 19 1/2 x 3 3/4	1400	1750
25220244SF	20 x 24 x 4	19 3/8 x 23 3/8 x 3 3/4	1650	2100
25220254SF	20 x 25 x 4	19 1/2 x 24 1/2 x 3 3/4	1750	2200
25224244SF	24 x 24 x 4	23 3/8 x 23 3/8 x 3 3/4	2000	2500

* Contact Customer Care for additional sizes and information.

ENGINEERING SPECIFICATIONS

1.0 General

- Filters shall be Aerostar® Enduro-Pleat® X3 extended surface pleated air filters as manufactured by Filtration Group.
- Filters shall be available in standard configurations and available in depths of 2" and 4".
- Underwriters Laboratories classified to UL 900.
- Filters are manufactured by an ISO 9001 registered company.

2.0 Filter Materials of Construction

- Media shall be 100% synthetic media that does not support microbial growth.
- Die Cut Frame shall be a heavy-duty, high strength, 28 pt moisture resistant beverage board with a patented cross member design that increases filter rigidity by having thicker cross members on the perimeter than in the center and prevents breaching. Frame shall be recyclable.
- Filters shall have an expanded metal support grid bonded to the air-exiting side of the filter to maintain pleat uniformity and prevent fluttering. Metal support grid shall be recyclable and contain a significant amount of post-consumer and pre-consumer content.

- Filters shall have a welded steel support frame on the downstream side of the pleat pack to increase durability and strength of the filter.

3.0 Filter Performance

- Filters shall be MERV 13 when tested in accordance with the ASHRAE 52.2 Test Standard.
- Filters shall have an initial resistance of (insert from Performance Data chart above)"w.g.
- Filter shall be rated to withstand a continuous operating temperature up to 200°F and 100% maximum relative humidity.
- Filters shall be able to withstand a sustained resistance of 2.0" w.g.