

ENDURO-PLEAT®

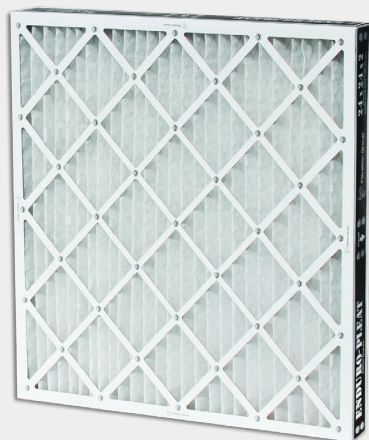


MERV 9/9A



MADE IN USA

The Enduro-Pleat® is a filter that is **“Built-to-Last”**. Constructed with stronger components for longer service life in challenging applications. This filter achieves a **MERV 9/9A** without an electrostatic charge. Exceptional low resistance provides improved air flow and energy cost savings.



EFFICIENCY

The high capacity Enduro-Pleat achieves a MERV 9/9A rating.

DEPTH

The Enduro-Pleat 9/9A Available in 2" & 4" depths.

PATENT

Patented heavy duty die-cut frame.



Advanced, dual-component, synthetic dust absorbing media



Rugged wire backing (i.e. twice as heavy as industry standards)

PRODUCTS DATA

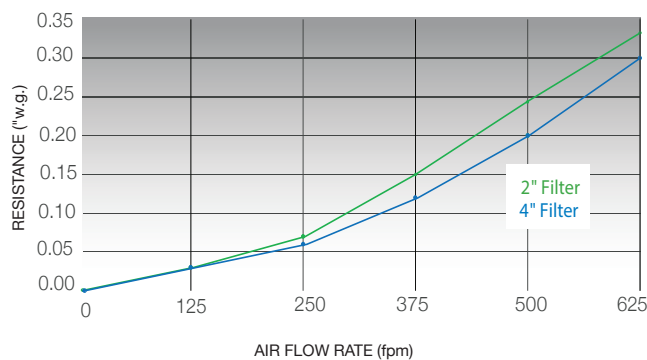
PART NUMBER	NOMINAL SIZE* (H" x W" x D")	ACTUAL SIZE (H" x W" x D")	CFM CAPABILITIES		PART NUMBER	NOMINAL SIZE* (H" x W" x D")	ACTUAL SIZE (H" x W" x D")	CFM CAPABILITIES	
			375 fpm	500 fpm				500 fpm	625 fpm
13716201	16 x 20 x 1	15 3/4 x 19 1/2 x 3/4	650	825	13712244	12 x 24 x 4	11 3/8 x 23 3/8 x 3 3/4	1000	1250
13716251	16 x 25 x 1	15 3/4 x 24 1/2 x 3/4	825	1050	13716204	16 x 20 x 4	15 1/2 x 19 1/2 x 3 3/4	1100	1400
13720201	20 x 20 x 1	19 1/2 x 19 1/2 x 3/4	825	1050	13716254	16 x 25 x 4	15 1/2 x 24 1/2 x 3 3/4	1400	1750
13720251	20 x 25 x 1	19 1/2 x 24 1/2 x 3/4	1050	1300	13718244	18 x 24 x 4	17 3/8 x 23 3/8 x 3 3/4	1500	1875
13720301	20 x 30 x 1	19 3/4 x 29 3/4 x 3/4	1250	1530	13720204	20 x 20 x 4	19 1/2 x 19 1/2 x 3 3/4	1400	1750
13724241	24 x 24 x 1	23 1/2 x 23 1/2 x 3/4	1200	1500	13720244	20 x 24 x 4	19 3/8 x 23 3/8 x 3 3/4	1650	2100
13712242	12 x 24 x 2	11 3/8 x 23 3/8 x 1 3/4	750	1000	13720254	20 x 25 x 4	19 1/2 x 24 1/2 x 3 3/4	1750	2200
13714252	14 x 25 x 2	13 1/2 x 24 1/2 x 1 3/4	900	1215	13724244	24 x 24 x 4	23 3/8 x 23 3/8 x 3 3/4	2000	2500
13716202	16 x 20 x 2	15 1/2 x 19 1/2 x 1 3/4	825	1100					
13716242	16 x 24 x 2	15 3/8 x 23 3/8 x 1 3/4	1000	1325					
13716252	16 x 25 x 2	15 1/2 x 24 1/2 x 1 3/4	1050	1400					
13718242	18 x 24 x 2	17 3/8 x 23 3/8 x 1 3/4	1125	1500					
13718252	18 x 25 x 2	17 1/2 x 24 1/2 x 1 3/4	1175	1550					
13720202	20 x 20 x 2	19 1/2 x 19 1/2 x 1 3/4	1050	1400					
13720242	20 x 24 x 2	19 3/8 x 23 3/8 x 1 3/4	1250	1650					
13720252	20 x 25 x 2	19 1/2 x 24 1/2 x 1 3/4	1300	1750					
13720302	20 x 30 x 2	19 3/4 x 29 3/4 x 1 3/4	1575	2100					
13724242	24 x 24 x 2	23 3/8 x 23 3/8 x 1 3/4	1500	2000					

**Contact Customer Care for additional sizes and information.

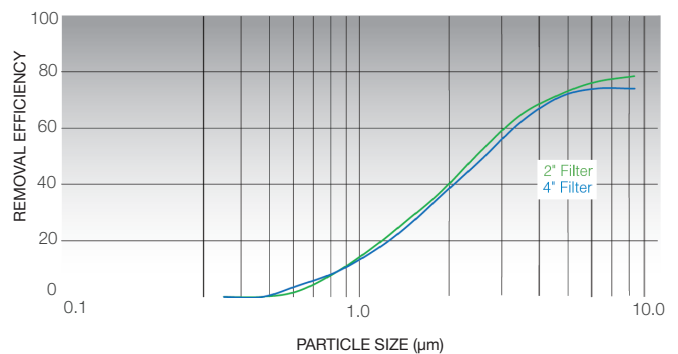
PERFORMANCE DATA (24 x 24)

CAPACITY	FILTER DEPTH	INITIAL RESISTANCE ("w.g.)			MAX SUSTAINED RESISTANCE ("w.g.)
		375 fpm	500 fpm	625 fpm	
High	2"	0.15	0.24	0.33	1.5
	4"	0.12	0.20	0.30	1.5

INITIAL RESISTANCE (24 x 24 x 2)



MINIMUM REMOVAL EFFICIENCY (24 x 24 x 2)



ENGINEERING SPECIFICATIONS

1.0 General

- 1.1 Filters shall be Aerostar® Enduro-Pleat extended surface pleated air filters as manufactured by Filtration Group.
- 1.2 Filters shall be available in standard configurations and available in depths of 1", 2" and 4".
- 1.3 Underwriters Laboratories classified to UL 900.

2.0 Filter Materials of Construction

- 2.1 Media shall be 100% synthetic, non-charged mechanical media that does not support microbial growth.
- 2.2 Die Cut Frame shall be a heavy-duty, high strength, 28 pt moisture resistant beverage board with a cross member design that increases filter rigidity and prevents breaching. Frame shall be recyclable.
- 2.3 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. Expanded metal shall weigh minimum of 0.05 pounds/ft² and be minimum 93% open.

3.0 Filter Performance

- 3.1 Filters shall be MERV 9/9A when tested in accordance with the ASHRAE 52.2 Test Standard.
- 3.2 Filters shall have an initial resistance of (insert from Performance Data chart above)"w.g.
- 3.3 Filter shall be rated to withstand a continuous operating temperature up to 200°F and 100% maximum relative humidity
- 3.4 Filters shall be able to withstand a sustained resistance of 1.5"w.g.