ENDURO-PLEAT®

FG™ Indoor Air Quality

SPECIFICATIONS

- Achieves a MERV 8/8A without an electrostatic charge
  - 100% synthetic media
  - Moisture resistant
  - Will not promote microbial growth
- Available in 2" & 4" depths
- Patented** heavy duty die-cut frame
- Advanced, dual-component, synthetic dust absorbing media
- Rugged wire backing (i.e. twice as heavy as industry standards)

ADVANTAGES

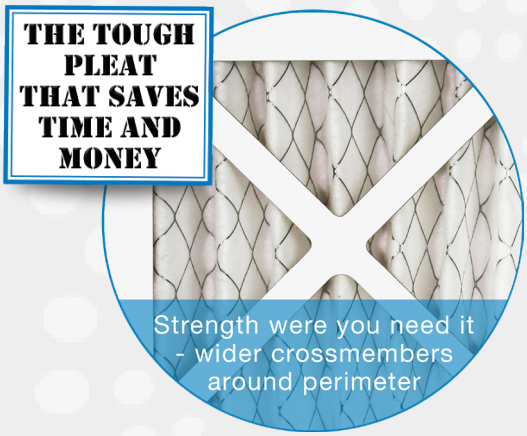
- Better Total Cost of Ownership (TCO) versus traditional pleats, thanks to the high dust holding capacity (DHC) and low initial pressure drop keeping energy costs lower for longer.
- Stronger components for guaranteed longer service life in all applications.
- Engineered for the harshest HVAC environments where traditional pleats are prone to collapsing
  - Extreme rain and snow weather
  - Dry high dust environments
  - High flow rate applications
- Guaranteed* to last longer than any other standard MERV 8 pleated filter

PRODUCTS DATA

PART NUMBER	PART NUMBER W/Steel Frame	NOMINAL SIZE* (H" x W" x D")	ACTUAL SIZE (H" x W" x D")	CFM CAPABILITIES	
				375 fpm	500 fpm
13712242	13712242SF	12 x 24 x 2	11 3/8 x 23 3/8 x 1 ¾	750	1000
13714252	13714252SF	14 x 25 x 2	13 1/2 x 24 1/2 x 1 ¾	900	1215
13716202	13716202SF	16 x 20 x 2	15 ½ x 19 ½ x 1 ¾	825	1100
13716242	13716242SF	16 x 24 x 2	15 3/8 x 23 3/8 x 1 ¾	1000	1325
13716252	13716252SF	16 x 25 x 2	15 ½ x 24 ½ x 1 ¾	1050	1400
13718242	13718242SF	18 x 24 x 2	17 3/8 x 23 3/8 x 1 ¾	1125	1500
13718252	13718252SF	18 x 25 x 2	17 ½ x 24 ½ x 1¾	1175	1550
13720202	13720202SF	20 x 20 x 2	19 ½ x 19 ½ x 1 ¾	1050	1400
13720242	13720242SF	20 x 24 x 2	19 3/8 x 23 3/8 x 1 ¾	1250	1650
13720252	13720252SF	20 x 25 x 2	19 ½ x 24 ½ x 1 ¾	1300	1750
13720302	13720302SF	20 x 30 x 2	19 ¾ x 29 ¾ x 1 ¾	1575	2100
13724242	13724242SF	24 x 24 x 2	23 3/8 x 23 3/8 x 1 ¾	1500	2000

PART NUMBER	PART NUMBER W/Steel Frame	NOMINAL SIZE* (H" x W" x D")	ACTUAL SIZE (H" x W" x D")	CFM CAPABILITIES	
				500 fpm	625 fpm
13712244	13712244SF	12 x 24 x 4	11 3/8 x 23 3/8 x 3 ¾	1000	1250
13716204	13716204SF	16 x 20 x 4	15 ½ x 19 ½ x 3 ¾	1100	1400
13716254	13716254SF	16 x 25 x 4	15 1/2 x 24 1/2 x 3 ¾	1400	1750
13718244	13718244SF	18 x 24 x 4	17 3/8 x 23 3/8 x 3 ¾	1500	1875
13720204	13720204SF	20 x 20 x 4	19 1/2 x 19 1/2 x 3 ¾	1400	1750
13720244	13720244SF	20 x 24 x 4	19 3/8 x 23 3/8 x 3 ¾	1650	2100
13720254	13720254SF	20 x 25 x 4	19 ½ x 24 ½ x 3 ¾	1750	2200
13724244	13724244SF	24 x 24 x 4	23 3/8 x 23 3/8 x 3 ¾	2000	2500

* Contact Customer Care for additional sizes and information.

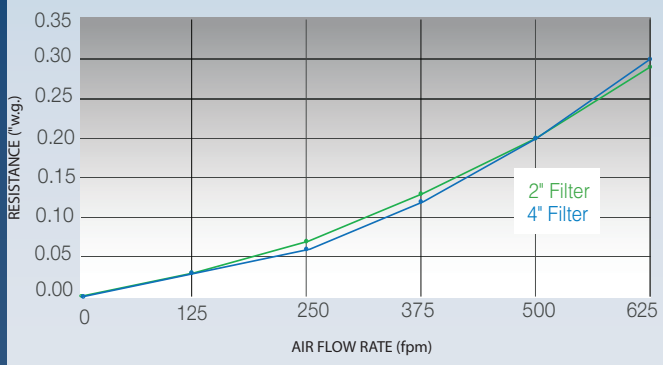


ENDURO-PLEAT®

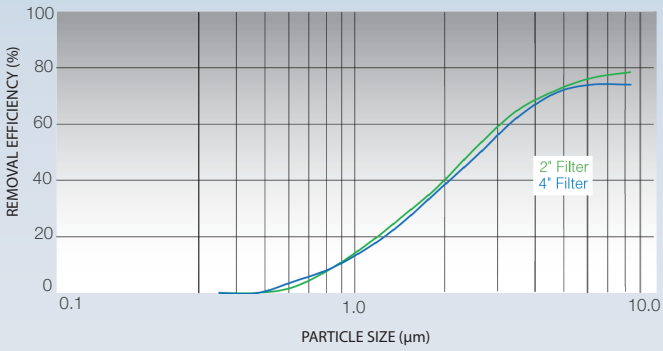
PERFORMANCE DATA (24 x 24)

CAPAC-ITY	FILTER DEPTH	INITIAL RESISTANCE ("w.g.)			MAX SUSTAINED RESISTANCE ("w.g.)
		375 fpm	500 fpm	625 fpm	
High	2"	0.13	0.20	0.29	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 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 a 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 8/8A 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.