

**NOW INTRODUCING**

# ENDURO-PLEAT



**2" & 4"  
MERV 8/8A**

HIGH CAPACITY



*Ideal for use in*

- *Commercial*
- *Industrial*
- *Hospitals*

## WHY THE ENDURO-PLEAT?

- Stronger components for longer service life in challenging applications
- Achieves a MERV 8/8A without an electrostatic charge
- Extremely low resistance of 0.21" w.g.
  - Improved air flow
  - Energy cost savings
- 100% synthetic media
  - Moisture resistant
  - Will not promote microbial growth
- Highest quality beverage board die-cut frame
- Rugged wire backing – twice as heavy as industry standards
- Guaranteed to last longer than any other MERV 8 pleated filter



\* See your Filtration Group representative for details regarding the limited guarantee.

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HVAC



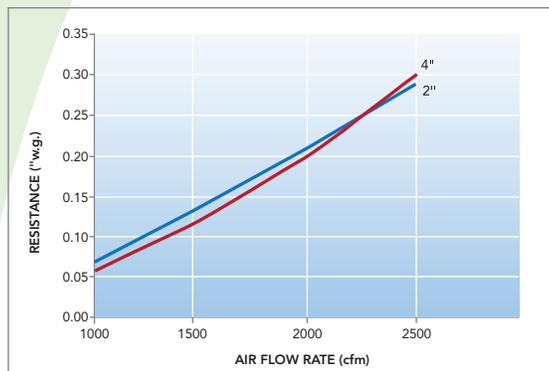
## ENDURO-PLEAT PERFORMANCE DATA (fpm)

FILTER DEPTH	VELOCITY	INITIAL RESISTANCE	FINAL RESISTANCE
2"	500	0.21" w.g.	1.5" w.g.
4"	500	0.20" w.g.	1.5" w.g.

## ENDURO-PLEAT DIMENSIONS

SIZE	PART NUMBER	CFM CAPACITIES	MEDIA AREA (ft <sup>2</sup> )
12 x 24 x 2	13712242	1000	9.3
16 x 20 x 2	13716202	1110	9.5
16 x 25 x 2	13716252	1390	11.8
20 x 20 x 2	13720202	1390	12.9
20 x 24 x 2	13720242	1670	15.5
20 x 25 x 2	13720252	1740	15.5
24 x 24 x 2	13724242	2000	18.6
12 x 24 x 4	13712244	1000	15.3
16 x 20 x 4	13716204	1110	16.3
20 x 25 x 4	13720254	1740	26.6
24 x 24 x 4	13724244	2000	30.6

## INITIAL RESISTANCE (24 X 24)



## ENDURO-PLEAT 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.
- 1.4 Filters are manufactured by an ISO 9001 registered company.

### 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 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.
- 2.3 Filters shall have a 100% post-consumer recycled 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. Expanded metal shall weigh minimum of 0.05 pounds/ft<sup>2</sup> and be minimum 93% open.

### 3.0 Filter Performance

- 3.1 Filters shall be MERV 8/8A when tested in accordance with the ASHRAE 52.2-2012 Test Standard.
- 3.2 Initial resistance of filters shall not exceed 0.21" at 500 fpm air flow.
- 3.3 Filters shall be rated to withstand a continuous operating temperature up to 180°F and 100% maximum relative humidity.
- 3.4 Filters shall have a recommended final resistance of 1.5" w.g.

# Filtration Group

HVAC

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