



## PRODUCT OVERVIEW

- Great for removing
  - VOCs
  - Diesel Exhaust
  - Acid Gas
  - Ammonia and Amines
- Styles available
  - HEGA 2" and 4" Die cut beverage board
  - HEGA 12" Galvanized Steel
  - HEGA 2", 4" and 12"
  - High-Impact Polystyrene Frame
  - 12" HEGA Dual-Pak, including MERV 11 or 14 pre-filters
- Ideal for use in
  - Hospitals
  - Hotels, Casinos & Offices
  - Data Centers
  - Airports & Train Stations
  - Cleanrooms and Specialty manufacturing
  - Schools & Museums
  - Restaurants



## **AEROSTAR** HEGA® FILTERS

### WHY HEGA FILTERS?

- Remove gaseous air contaminants and undesirable odors, giving your occupants and processes the indoor air quality that they require
- Enhanced carbon-loaded nonwoven media using 100% synthetic fibers that do not support microbial growth and high activity virgin activated carbon
- Patented media structure maximizes the carbon surface area available for absorption
- Non-dusting media



# HEGA® FILTERS

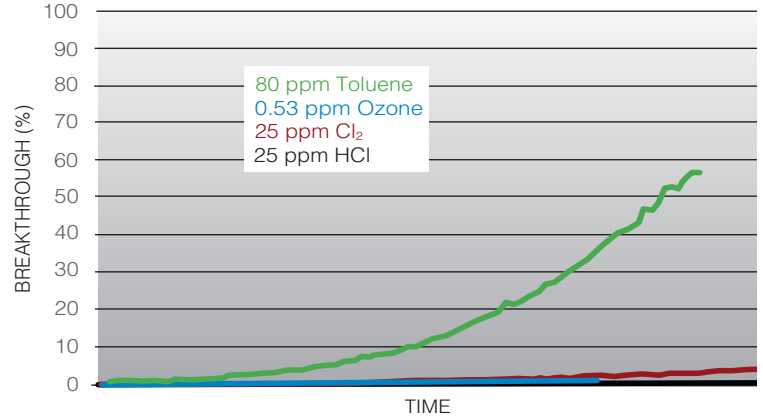
## GRADE 653 FOR VOCS

### Specifications

- 500 grams/sq meter media loading
- High Activity Carbon (85% CTC)
- Works on physisorption and catalysis

### Removes

- Volatile Organic Compounds (VOCs)
- Food and cooking odors
- Ozone
- Chlorine



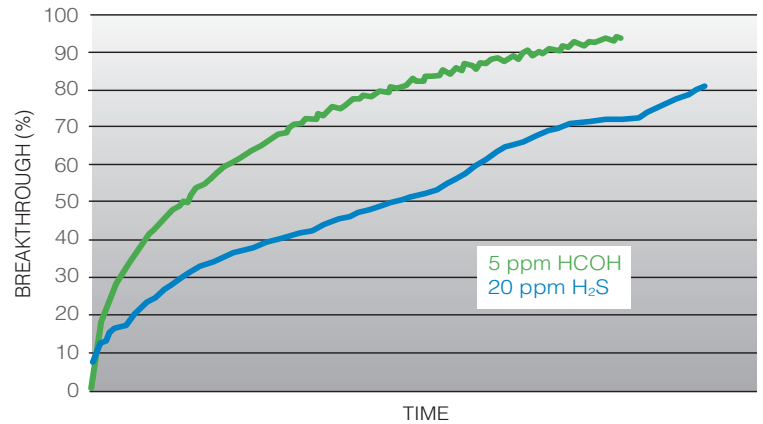
## GRADE 651 FOR DIESEL EXHAUST

### Specifications

- 500 grams/sq meter media loading
- Blend of activated carbon and impregnated carbon
- Works with chemisorption and physisorption

### Removes

- Vehicle exhaust
- Formaldehyde (HCOH) and Aldehydes
- Sulfur compounds (H<sub>2</sub>S)



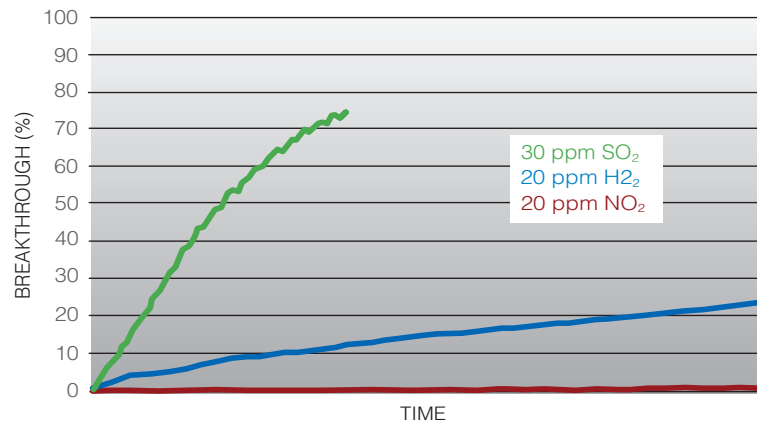
## GRADE 876 FOR ACID GAS

### Specifications

- 600 grams/sq meter media loading
- High Activity Carbon with impregnation
- Works on chemisorption

### Removes

- Sulfur compounds (H<sub>2</sub>S and SO<sub>2</sub>)
- Nitrogen Oxides (NO<sub>x</sub> including NO, NO<sub>2</sub>)
- Acid gases



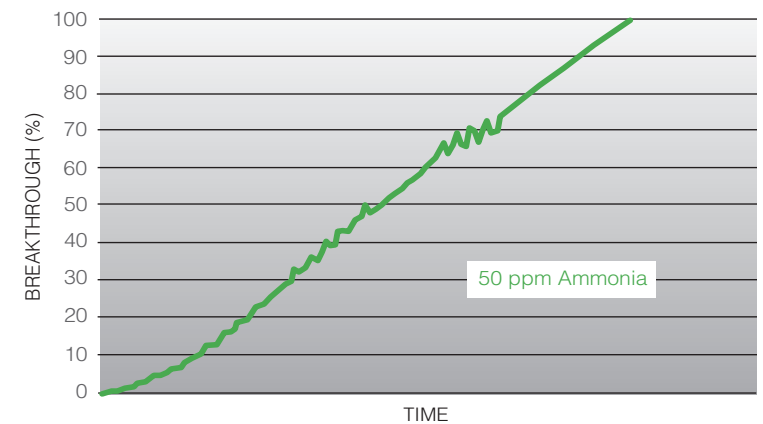
## GRADE 147 FOR AMMONIA AND AMINES

### Specifications

- 500 grams/sq meter media loading
- High Activity Carbon with impregnation
- Works on chemisorption

### Removes

- Ammonia and Amines
- Bathroom odors
- Animal odors

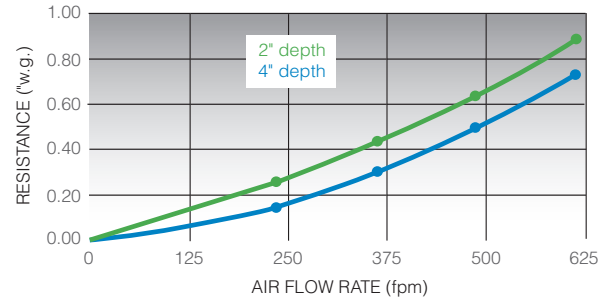
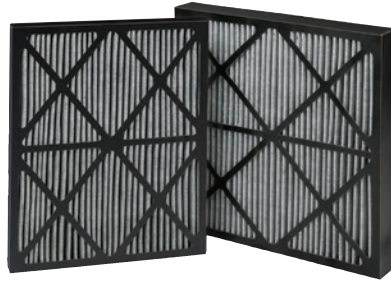




# HEGA® FILTERS

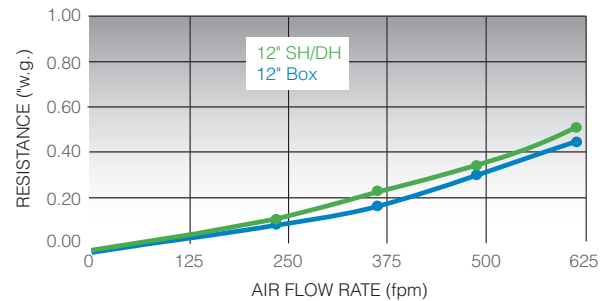
## SERIES 1000 (DIE CUT FRAME)

- Beverage board die cuts
- 2" and 4" nominal depths
- 1.6 pleats per inch
- Five standard sizes
- Custom sizes available



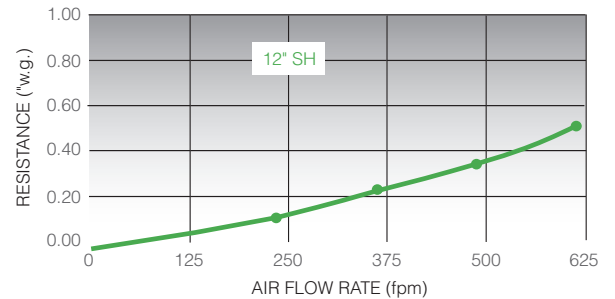
## SERIES 2000 (GALVANIZED FRAME)

- Galvanized frame
- Box style, single (SH) and double (DH) header
- 12" nominal depth
- 1.6 pleats per inch with stabilizers
- Special sizes and depths available



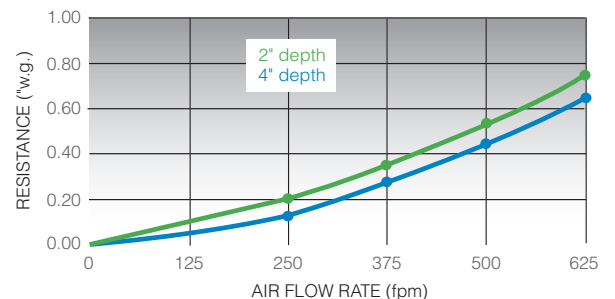
## SERIES 3000 (PLASTIC FRAME)

- Injection-molded Hi Impact Polystyrene (HIPS)
- Single (SH) header style
- 12" nominal depth
- 1.6 pleats per inch with stabilizers
- 9 sizes available
- No sharp edges
- Ideal for harsh environments



## SERIES 3000 – COMPACT (PLASTIC FRAME)

- Injection-molded Hi Impact Polystyrene (HIPS)
- Box style
- 2" and 4" nominal depth
- 1.6 pleats per inch with stabilizers

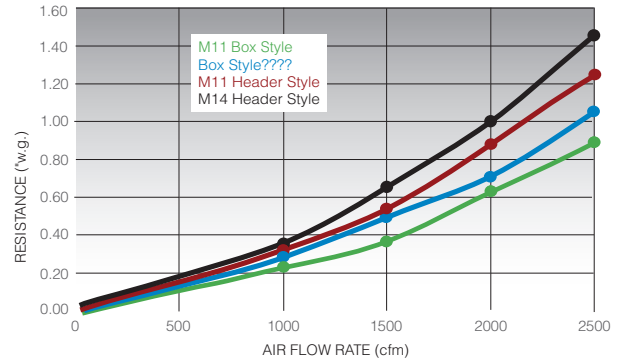




# HEGA® FILTERS

## HEGA DUAL-PAK

- 12" deep filter design
- Galvanized steel, box and header frame
- Hi Impact Polystyrene (HIPS) header frame
- 1st-stage particulate media available as MERV 14 and MERV 11 models
- 2nd-stage HEGA media available for removal of a wide variety of contaminants



## MEDIA SELECTION GUIDE BY COMMON NAME

GROUP OR COMMON NAME LISTING	PREFERRED MEDIA
Adhesives	653
Alcoholic Beverages	653
Ammonia	147
Animal Odors*	147 or 653
Antiseptics	653
Asphalt Fumes	653
Bathroom Smells*	147 or 653
Bleaching Solutions	876
Body Odors	653
Burned Flesh	653
Burned Food	653
Burning Fat	653
Cancer Odor	653
Cheese	653
Cleaning Compounds (non-ammonia)	653
CS <sub>2</sub> (Carbon Disulfide)	876
Decaying Substances	653
Detergents	653
Diesel Exhaust	651
Diesel Fumes (Fuel)**	653
Embalming Odors	653

GROUP OR COMMON NAME LISTING	PREFERRED MEDIA
Film Processing Odors	653
Food Aromas	653
Fruits	653
Gasoline Fumes	653
Hydrogen Sulfide	876
Kerosene	653
Moth Balls	653
Paint Odor	653
Pastes and Glues	653
Perfumes, Cosmetics	653
Plastics	653
Rubber	653
Sewer Odors	653
Smog	876
Swimming Pool (Chlorine)	876
Tar	653
Tobacco Smoke Odors	653
Turpentine	653
Urea	653
Varnish Fumes	653
Vinegar (acetic acid)	876

\* If Ammonia is the strongest of the odors use 147 media.

\*\* If fumes are generated via a combustion process, e.g. automobile exhaust and gasoline vapor, use 651 media.