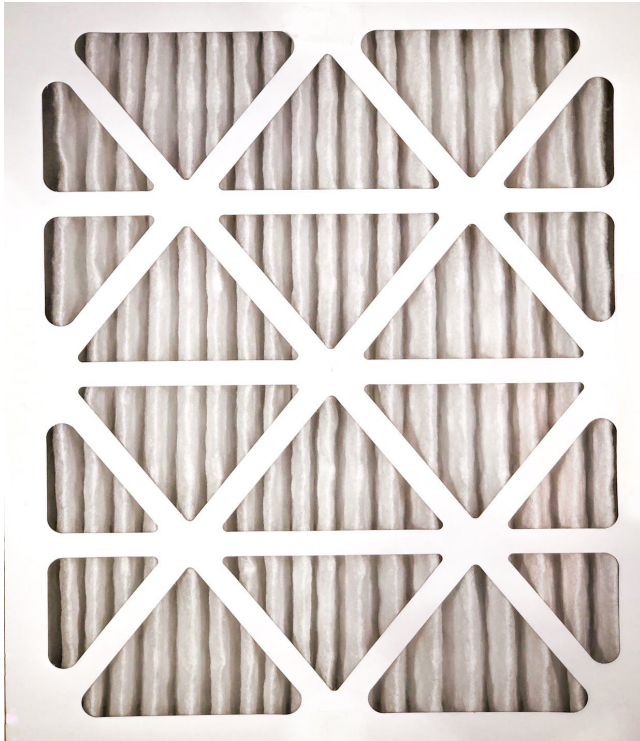




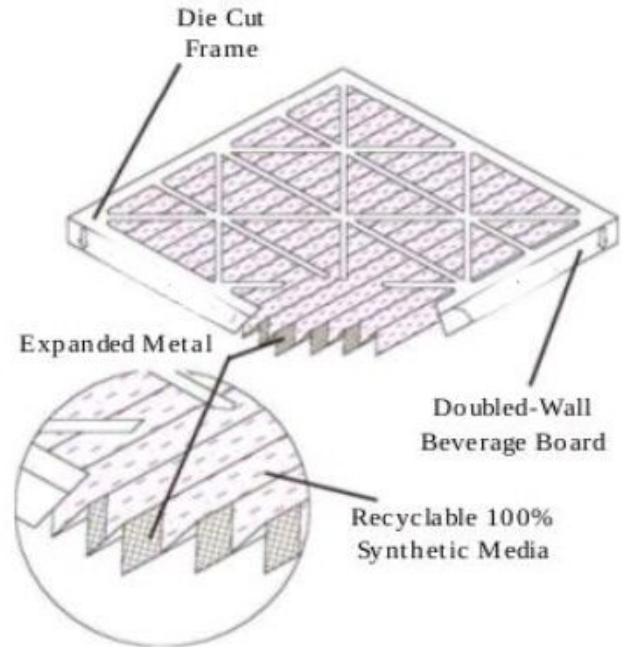
# FLORENCE FILTER

"Excellence in Air Filtration since 1971" [www.florencefilter.com](http://www.florencefilter.com)  
530 W.Manville, Compton, California, 90220  
(310)-637-1137 FAX(310)-631-4323 Out of State (800)-776-2021

## Flo Pleat MERV 13



## Specifications



## Features

- Environmentally Friendly
- Electrostatically Charged 100% Synthetic Media
- Heavy-Duty, Moisture-Resistant Construction
- Reduces Energy Cost
- Extended Filter Lifecycle
- Improves Indoor Air Quality (IAQ)
- Provides Points Toward Leadership in Energy and Environmental Design (LEED Certification)
- Premium heavy-duty construction
- Heavy gage, expanded metal backing
- High dust holding capacity media engineered for long life
- Low resistance to airflow saves energy
- High wet strength, moisture resistant beverage board frame

The Flo Pleat MERV 13 shall be of the extended surface pleated media type. The media incorporates 100% synthetic fibers that are electrostatically charged. The filter fibers are thermally bonded and manufactured in an engineered gradient structure. An expanded metal reinforcement shall be laminated to the air exit side of the media by a thermosetting adhesive to maintain continuity of the radial pleats. The expanded metal shall be galvanized to resist rust and corrosion. The media shall be pleated in a tapered radial configuration. The pleated cartridge shall be bonded to the peripheral interior of the outer frame. A heavy duty moisture resistant beverage board shall be utilized for an encasing frame.



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## Construction

- Heavy duty, moisture-resistant beverage board frame
- Two-piece, die-cut frame bonded to each other provides double-wall thickness around outer edge
- Die cut pattern provides 50% more contact points between media pack and frame
- Integral die-cut cross members provide strength and rigidity
- Water repellent adhesive used to bond frame with media pack
- Rust resistant, expanded metal support grid made of galvanized steel
- 100% water repellent, high strength adhesive coats entire interior of frame
- Media pack sealed inside frame and pleat tips bonded to diagonal support members

## Applications

The Flo Pleat MERV 13 can be used in almost any building where better indoor air quality (IAQ) is desired such as existing commercial properties, universities, schools and government institutions. It can be used as a pre-filter or final filter without the need to engineer and retrofit systems for a high-efficiency rigid filter.

## Pleat Consistency

Consistent pleat shape produces optimum performance by providing lower resistance, full depth dust loading, and longer service life in the field. Florence Filter’s California based production team ensures stringent quality control for consistent pleat count, height, shape, and spacing for the Flo Pleat MERV 13.

## Durability

The Flo Pleat MERV 13 heavy duty beverage board frame is made using moisture resistant sturdy, frame material that stands up to rough handling and difficult service conditions. As such, expect a long service life in the field. Moisture resistant media and construction ensures the pleats hold together even when wet, preventing delamination, excessive buckling, collapsing, racking, warping, and bending. Additionally, the double walled thickness around the outer edge and rust resistant galvanized steel frame help maintain pleat shape and prevent flutter during operation.

