

# Microbarrier 95XL MAX MP Extended Surface Filters

## FEATURES

- Variety of frame materials- MDF and galvanized
- Microfiber media
- 220 mm deep mini pleat media packs manufactured in a quality controlled facility
- 95% @ 0.3  $\mu\text{m}$  efficiency
- MERV 16



## MICROBARRIER 95XL MAX MP CONSTRUCTION & APPLICATIONS

MANN+HUMMEL's Microbarrier 95XL MAX MP is ideal for critical applications that require high purity air, but not quite HEPA level filtration, such as oil mist applications. Microbarrier 95XL MAX MP fills the gap between ASHRAE rated filters and HEPA filtration.

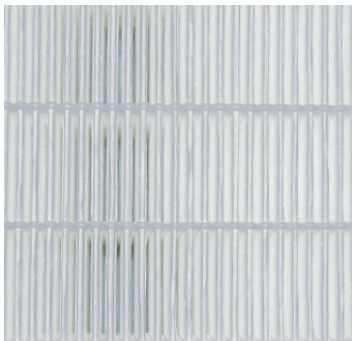
The Microbarrier 95XL MAX MP utilizes a glass microfiber media that is pleated on a computer controlled pleater for consistent and repeatable media packs. The pleats are separated and secured by an adhesive bead separator that promotes uniform air flow, inhibits media to media contact and eliminates fiber break off that can affect alternative pleating methods. Media packs are centered in the frame so that the pack is recessed, minimizing potential damage during shipping and handling, which can occur with competitive filters that have media packs that extend the full depth of the frame.

Microbarrier 95XL MAX MP filters are available in a variety of frame materials. Galvanized and MDF medium density fiberboard frames are offered as

standard, with the latter combining both economy and ease of disposal. The media packs are sealed into the frame with a polyurethane sealant, the same sealant used in our HEPA filtration range products.

Microbarrier 95XL MAX MP filters feature a minimum efficiency of 95% on 0.3 micron-sized particles and are a MERV 16 when tested per ASHRAE 52.2 test standard. Applications include healthcare, pharmaceutical, biotech, oil mist, biomedical and other high purity applications.

The Microbarrier 95XL MAX MP features a resistance of 0.65 in. w.g. @ 2,000 CFM, 20% less than other filters in the same class. This low resistance delivers longer service life, reduced energy consumption and easier retrofit when upgrading from ASHRAE rated filtration.



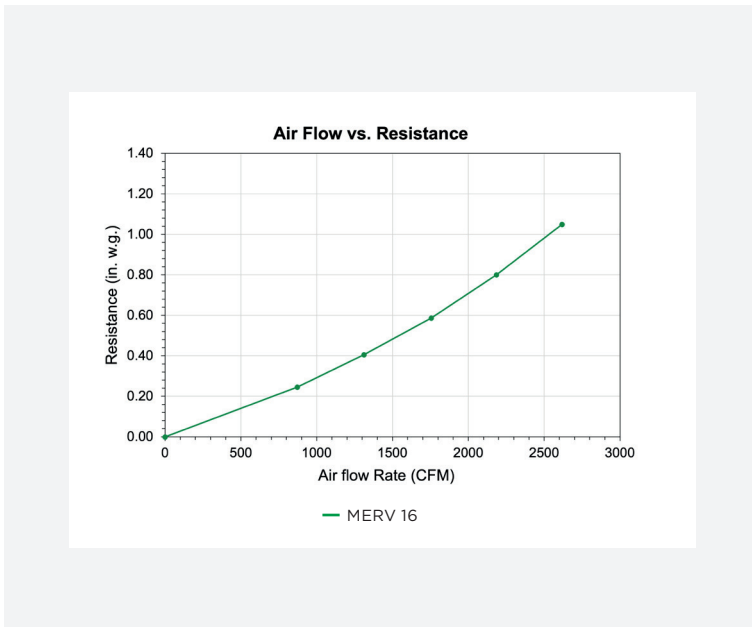
Media pack

**MICROBARRIER 95XL MAX MP  
PERFORMANCE DATA**

Specifications	Microbarrier 95XL MAX MP
Media	Glass microfiber
Frame	Galvanneal or MDF
Sealant	Polyurethane
Separators	Glue bead
Efficiency (test challenge = KCI)	95% on 0.3 microns, MERV 16 per ASHRAE 52.2
Resistance	Resistance 0.65 in. w.g. @ 500 FPM (162 Pa @ 2.5 m/s)

- Notes:
- Contact your local sales representative for available sizes
  - Performance data is based on ASHRAE Test Standards 52.2 - 2017.

**TECHNICAL DATA**



MANN+HUMMEL is committed to continual product development - all descriptions, specifications and performance data are subject to change without notice. MANN+HUMMEL products are manufactured to exacting criteria - there can be a ±5% variance in filter performance.

**LOCAL REPRESENTATIVE**