

Poly Shield XI Media

VE3

Poly Shield XI Media MERV 11

With VE3™ Technology



VE3[™] Anti-Viral
Spor-Ax[®] Antimicrobial
Dustlok[®] Composite Adhesive

Poly Shield XI • Media

- 1" Thickness
- Bulk Media Up To 92" Wide
- High Efficiency Filtration Media
- MERV 11 performance tested in accordance with ASHRAE 52.2-2012.
- Fewer change-outs reduce filter expense, labor cost, disposal fees and landfill waste.
- Polyester with Spor-Ax® antimicrobial is ideal for hot humid environments.
- Cleaner safer change-outs as a result of contaminate retention.

Engineered Protection

- Binders and adhesives integrate through the media matrix during the manufacturing process, NOT a topical post-application.
- VE3™ Technology Eliminates SARS-Cov-2 and other air born threats. Independent testing resulted in >99.99% inactivation of COVID-19 virus particles.
- Dustlok® Composite Adhesive is an aggressive adhesive that absorbs particles and continuously renews its effectiveness.
- Spor-Ax® Antimicrobial Keeps filter media free from mold mildew algae & fungi. The elimination of microbial is growth reduces resistance and extends service life.



Poly Shield XI Media

Poly Shield XI w/ Media Technical Data



Filter Media: Polyester

Initial Resistance: 0.43" w.g. at 492 fpm

Flammability: UL 900 Classified
Performance: MERV 11 in accordance

with ASHRAE 52.2-2012

Recommended Final Resistance: 1.0" w.g. **Maximum Operating Temperature:** 200° F

Poly Shield XI w/VE3™

MERV 11 1" Thickness Media Specifications

Media shall be a distinct dual-density design comprised of polyester fibers.

The air leaving side shall be purple in color and contain a non-migratory, non-drying, Dustlok composite adhesive coating all downstream fibers.

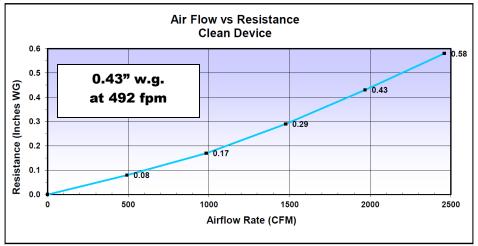
Media shall contain Spor-Ax antimicrobial which effectively controls microbial growth on the filter media.

Shall be MERV 11 as tested by ASHRAE Standard 52.2-2012

Independent test results in accordance With ASHRAE Standard 52.2-2012

Fiber Bond has a policy of continuous improvement and reserves the right to alter design and specifications without notice.

July 2014



Particle Size Removal Efficiency

