

**VE<sup>3</sup>** **Poly Shield XI Media MERV 11**  
With VE<sup>3</sup>™ Technology



**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.

VE<sup>3</sup>™ Anti-Viral  
Spor-Ax® Antimicrobial  
Dustlok® Composite Adhesive

**Engineered Protection**

- Binders and adhesives integrate through the media matrix during the manufacturing process, NOT a topical post-application.
- **VE<sup>3</sup>™ 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 w/ **VE<sub>3</sub>** 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.

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