

## 3-Ply Dustlok® Panels & Continuous Links MERV 9

Dustlok® Composite Adhesive • Spor-Ax® Antimicrobial



### Dustlok MERV 9 Panels

- Three stages of filtration in a single panel - first stage designed for depth-loading; second stage stops particulate from filtering through the media; third stage, Dustlok composite adhesive, absorbs particles and continuously renews its effectiveness.
- Fiber Bond migration tests conducted at 500 fpm confirmed that no Dustlok composite adhesive was observed nor chemically detected on the downstream collection sample.

### Dustlok® 3-Ply Panels & Links Now MERV 9

Spor-Ax® Antimicrobial  
Dustlok® Composite Adhesive  
*Renews Its Effectiveness  
Throughout The Life Of The Filter*

#### **The One And Only, Original Dustlok 3-Ply Panel Is Now Even Better**

Dustlok panels and links have a history of superior performance and reliability. The filter's dual-density media with Dustlok composite adhesive captures and retains particulate. Its self-sealing design eliminates bypass concerns, while its 3-ply depth loading delivers unparalleled service life.

#### **Spor-Ax Antimicrobial Keeps Filter Media Free From Mold, Mildew, Algae & Fungi**

Fiber Bond's Spor-Ax antimicrobial is part of the manufacturing process, not a costly, post-application. The elimination of microbial growth reduces resistance and extends service life.

# Dustlok® 3-Ply Panel Technical Data



### Dustlok 3-Ply Panel

**Filter Media:** Polyester  
**Initial Resistance:** 0.25" w.g. at 300 fpm  
**Flammability:** UL 900 Classified  
**Performance:** MERV 9 media  
**Dust Holding Capacity:** 210 grams  
**Recommended Final Resistance:** 1.0" w.g.  
**Maximum Operating Temperature:** 200° F

### Panel Specifications

Media shall be a distinct 3-ply design.

A coarse air entering layer, combined with dual-ply Dustlok media, shall provide progressive depth-loading of contaminants.

An internal 9-gauge support grid with two cross wires seals the panel in place, preventing fluttering and dirt bypass. The air leaving side, orange in color, shall contain a non-drying, non-migratory Dustlok composite adhesive coating all downstream fibers.

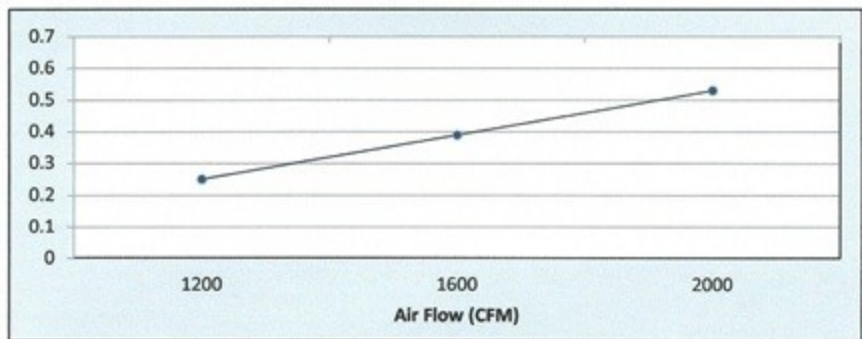
Media shall contain Spor-Ax antimicrobial which effectively controls microbial growth on the filter media.

Media shall be MERV 9 in accordance with ASHRAE 52.2-2012

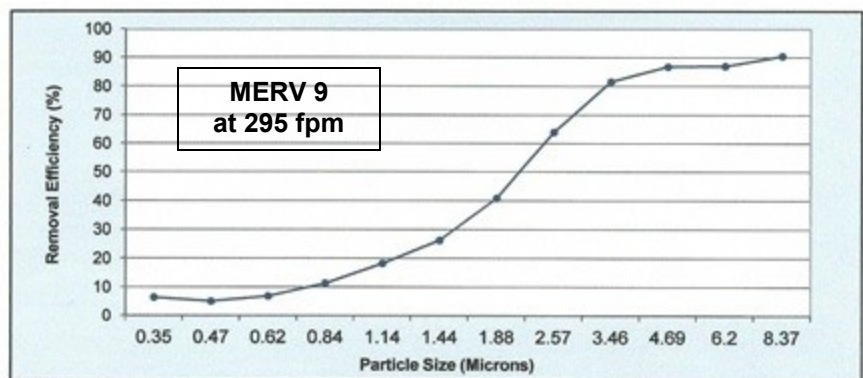
Panel test results in accordance with internal Fiber Bond test method ASHRAE 52.2-2012 (M)

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

### Dustlok 3-Ply Panel Resistance vs Air Flow



### Dustlok 3-Ply Panel Initial Particle Removal Efficiency



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