

FIBERBONDThe **Best** Filters Begin
With The **Best** Media**15/40 Xtra Panel**

3-Layers Of Polyester Media
For Maximum Depth-Loading

15/40 Xtra

Spor-Ax[®] Antimicrobial
Dustlok[®] Adhesive Between Media
Now **MERV 8**



**3-Layers Of Media
Designed For High-Capacity
Depth-Loading &
No Particle Bypass**

Fiber Bond's MERV 8 15/40 Xtra filters are designed for use in areas of high dust concentration. Three-layers of polyester media provide graduated density and high-capacity depth loading. Manufactured with Dustlok[®] adhesive - an aggressive adhesive that captures and holds particles securely to the filter media.

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

Fiber Bond's Spor-Ax[®] antimicrobial is a part of the manufacturing process - never a costly, post-application. The elimination of microbial growth helps extend service life.



- 15/40 Xtra MERV 8 - graduated density of 3-layers of polyester media deliver maximum depth-loading
- Self-sealing design eliminates air bypass & reduces costly maintenance
- Available as panels and continuous filters
- Manufactured with Spor-Ax[®] antimicrobial & Dustlok[®] adhesive

FIBERBOND

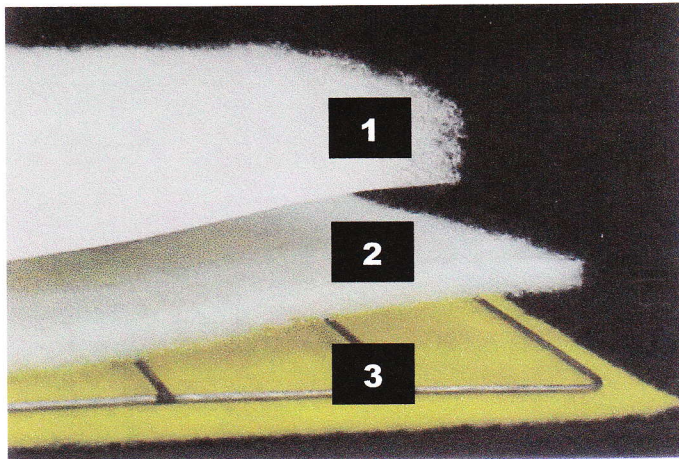
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The **Best** Filters Begin
With The **Best** Media

15/40 Xtra Panel

15/40 Xtra Technical Data



MERV 8 (ASHRAE 52.2 2007)

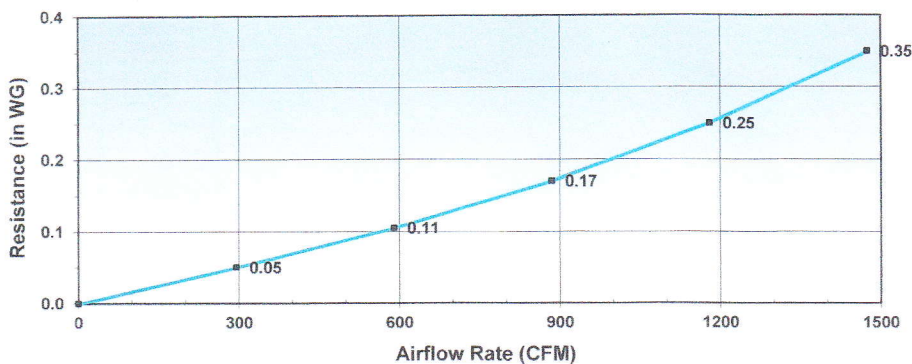
Initial Resistance

0.25" w.g. at 295 fpm

Recommended Discard Point 1.0" w.g.

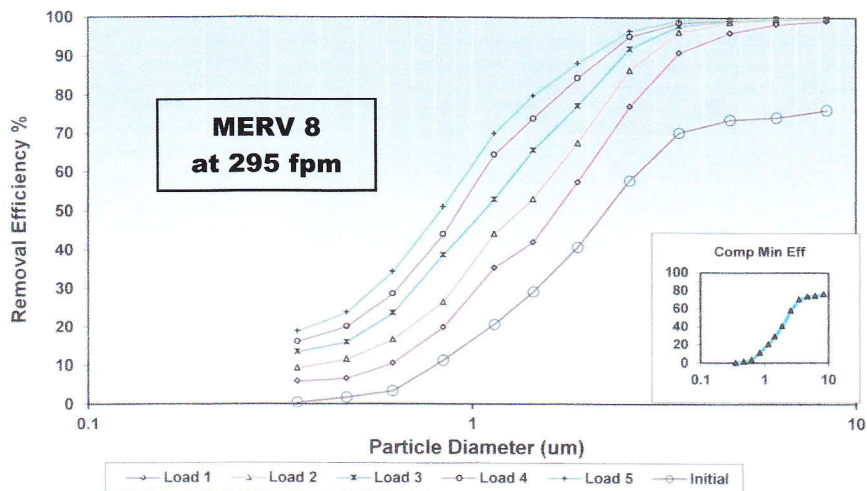
Graduated Density

1. First layer 1" thick, coarse fiber captures the largest particles.
2. Second layer 1/2" thick media traps and holds medium-size particles.
3. Third layer 1/4" thick of fine fiber with Dustlok®.



**Airflow vs
Resistance**
Clean Device

**Particle Size
Removal
Efficiency**



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**ASHRAE STANDARD 52.2 - 2007 TEST REPORT
INITIAL PARTICLE REMOVAL EFFICIENCY & RESISTANCE****FILTER DATA**

Date: 02/05/13 **Test#** 172
Manufacturer: FIBER BOND CORPORATION
Filter: 15/40 Xtra Panel
Part Number: 270002424
Size: 24 x 24 x 1-1/2
Media Area: 4 ft²
Adhesive: DUSTLOK®
Antimicrobial: SPOR-AX®

Description: Three layer, yellow and white high loft medias heat sealed around an internal 9 gauge wire grid. Contains Dustlok® & Spor-Ax® antimicrobial.

Test Summary

Air Flow Rate: 500 FPM (2,000 CFM)
Test Aerosol: KCI, Neutralized
Test Operator: J. Mazur
Temp & Humidity: 72° @ 26%

Resistance Traverse:

CFM	in/w.g.
1200	0.24
1600	0.36
2000	0.51

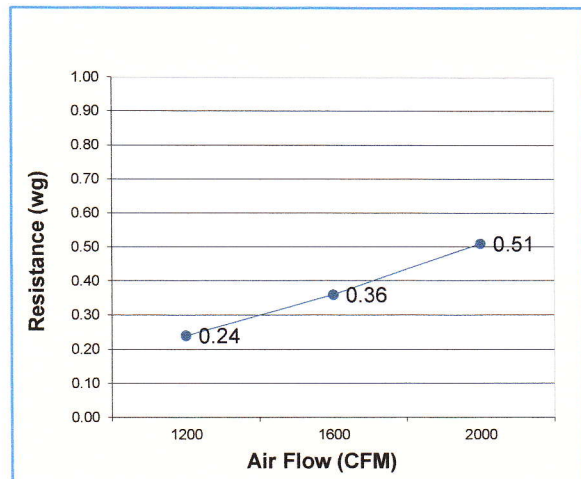
Estimated Initial Particle Removal Efficiency:

Range 1 (0.3 - 1.0 micron)	18.9%
Range 2 (1.0 - 3.0 micron)	58.0%
Range 3 (3.0 - 10 micron)	71.0%

Minimum Efficiency Reporting Value (MERV)

8

**If Initial Data is Minimum*

RESISTANCE VS. AIR FLOW**PARTICLE SIZE REMOVAL EFFICIENCY CURVE**