

**FIBERBOND**

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

**Multi-Wedge 85 & 95**



***High-Efficiency***

**Multi-Wedge 85  
MERV 13  
and  
Multi-Wedge 95  
MERV 14**

***Available In  
Short & Extended  
Depths***

***Spor-Ax<sup>®</sup>  
Antimicrobial***

***Superior  
Quality & Design***

***Unmatched  
Performance***

***UL 900 Classified***

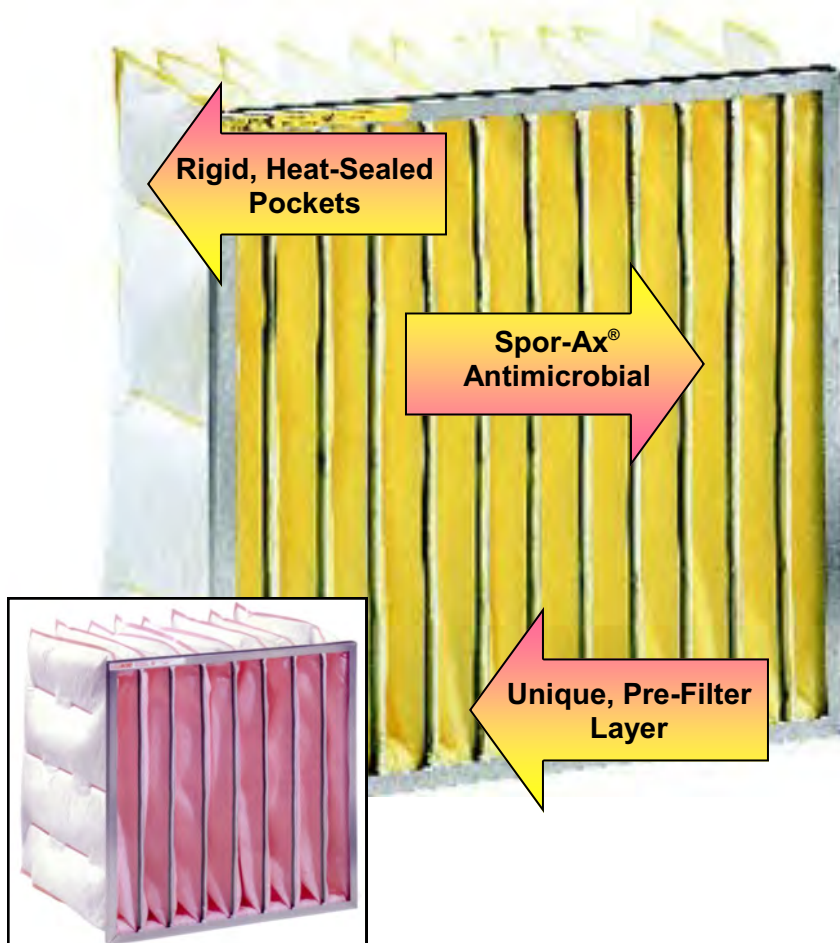
**FIBERBOND**

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## Multi-Wedge 85 & 95



High-Efficiency  
**Multi-Wedge 85**  
**MERV 13**  
&  
**Multi-Wedge 95**  
**MERV 14**

### Multi-Wedge 85 & 95

**Filter Media:** Non-woven composite  
**Flammability:** UL 900 Classified  
**Performance:** In accordance with ASHRAE 52.2 -2012 shall be MERV 13 (Multi-Wedge 85) or MERV 14 (Multi-Wedge 95)  
**Recommended**  
**Final Resistance:** 1.5" w.g.  
**Maximum Operating Temperature:** 200°F  
**Header:** 13/16" thickness  
**Gasketing:** Available  
**Face Size:** Nominal less 5/ 8"

### Filter Specifications

Filter shall be an extended surface, multi-pocket design

Pockets shall be *rigid and tapered in design; and formed by a heat-sealed process* thus eliminating particulate migration concerns

Media shall be a durable, multi-layer, non-woven composite that is resistant to moisture, oil mists and extreme conditions

Shall contain Spor-Ax® antimicrobial which effectively controls microbial growth on filter media

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### High-Efficiency Multi-Wedge Filters

Multi-Wedge filters were one of the industry's first extended surface, synthetic pocket filters and they continue to be among the best. Today's high-efficiency Multi-Wedges are engineered to offer a lower initial resistance, while maintaining all of the superior design qualities. Multi-Wedge combines the value of Spor-Ax<sup>®</sup> antimicrobial and tapered, rigid pockets - delivering a filter that maximizes service life and holds up in high moisture conditions.

#### Rigid, Heat-Sealed Pockets

No Particulate Migration Through Pocket Edge Seals

#### Lower Initial Resistance

Reduces Energy Costs

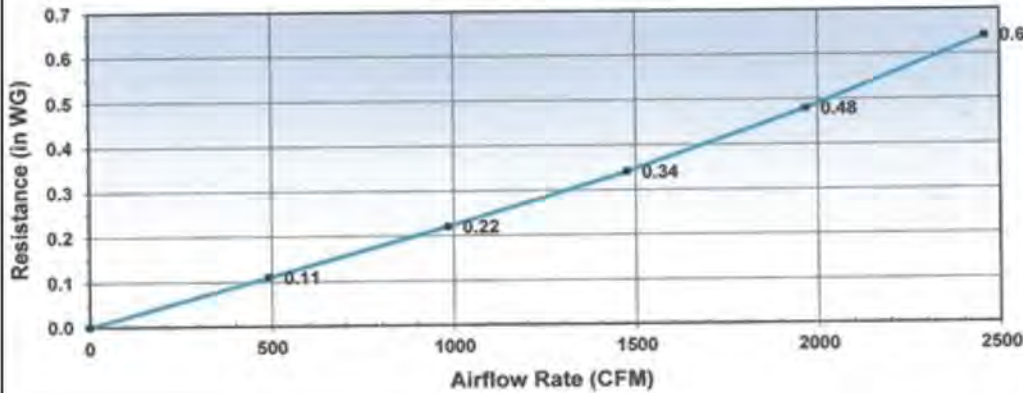
#### Unique, Pre-Filter Media

Extends Service Life

#### Spor-Ax<sup>®</sup>

Controls Microbial Growth On Filter Media

Air Flow vs Resistance  
Clean Device



**Multi-Wedge 85**  
**MERV 13**  
24" x 24" x 12"  
12 pockets

**Initial Resistance**  
**0.48" w.g. at 492 fpm**

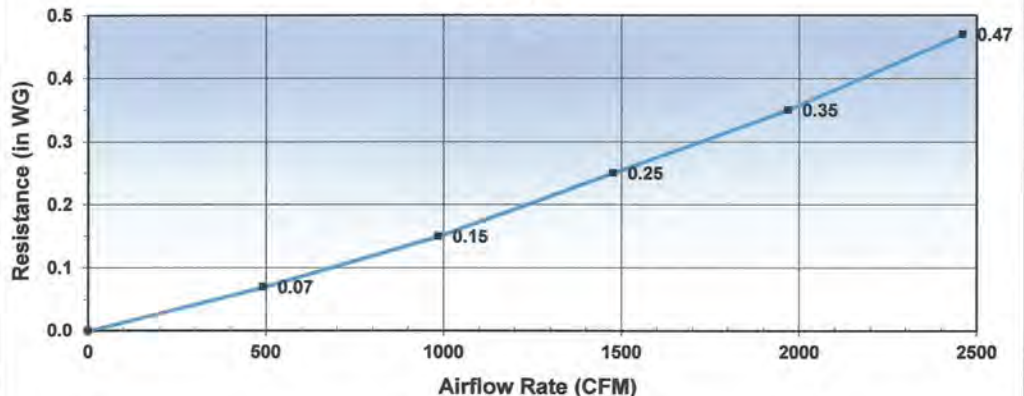
Independent test results in accordance with ASHRAE Standard 52.2-2012

**Multi-Wedge 95**  
**MERV 14**  
24" x 24" x 24"  
8 pockets

**Initial Resistance**  
**0.35" w.g. at 492 fpm**

Independent test results in accordance with ASHRAE Standard 52.2-2012

Air Flow vs Resistance  
Clean Device



<b>Multi-Wedge 85 • MERV 13 • 12" Depth</b>			
Nominal Size w x h x d -pockets	Air Flow CFM	Resistance @ 500 fpm	Media (sq ft)
12 x 24 x 12 - 6	1,000 CFM	0.47"	24
16 x 24 x 12 - 8	1,135 CFM	0.47"	32
20 x 20 x 12 - 10	1,400 CFM	0.47"	37
20 x 24 x 12 - 10	1,660 CFM	0.47"	40
24 x 12 x 12 - 6	1,000 CFM	0.47"	13
24 x 20 x 12 - 12	1,660 CFM	0.47"	44.4
24 x 24 x 12 - 12	2,000 CFM	0.47"	48
<b>Multi-Wedge 85 • MERV 13 • 24" Depth</b>			
Nominal Size w x h x d -pockets	Air Flow CFM	Resistance @ 500 fpm	Media (sq ft)
12 x 24 x 24 - 3	1,000 CFM	0.42"	23.6
12 x 24 x 24 - 4	1,000 CFM	0.36"	31.5
16 x 24 x 24 - 5	1,135 CFM	0.36"	39.4
20 x 20 x 24 - 5	1,400 CFM	0.42"	34.6
20 x 20 x 24 - 6	1,400 CFM	0.36"	47
20 x 24 x 24 - 5	1,660 CFM	0.42"	39.4
20 x 24 x 24 - 6	1,660 CFM	0.36"	47
24 x 12 x 24 - 5	1,000 CFM	0.42"	21.7
24 x 12 x 24 - 6	1,000 CFM	0.36"	26
24 x 20 x 24 - 6	1,660 CFM	0.42"	41.5
24 x 20 x 24 - 8	1,660 CFM	0.36"	55.3
24 x 24 x 24 - 6	2,000 CFM	0.42"	47
24 x 24 x 24 - 8	2,000 CFM	0.36"	63
<b>Multi-Wedge 85 • MERV 13 • 30" Depth</b>			
Nominal Size w x h x d -pockets	Air Flow CFM	Resistance @ 500 fpm	Media (sq ft)
12 x 24 x 30 - 4	1,000 CFM	0.36"	39
20 x 24 x 30 - 6	1,660 CFM	0.36"	59
24 x 12 x 30 - 6	1,000 CFM	0.36"	32.5
24 x 24 x 30 - 8	2,000 CFM	0.36"	78.5

Contact Fiber Bond for  
availability of sizes not shown.

MERV 9 & MERV 11 Multi-Wedge  
Filters Also Available



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

<b>Multi-Wedge 95 • MERV 14 • 12" Depth</b>			
Nominal Size w x h x d -pockets	Air Flow CFM	Resistance @ 500 fpm	Media (sq ft)
12 x 24 x 12 - 6	1,000 CFM	0.49"	24
16 x 24 x 12 - 8	1,135 CFM	0.49"	32
20 x 20 x 12 - 10	1,400 CFM	0.49"	37
20 x 24 x 12 - 10	1,660 CFM	0.49"	40
24 x 12 x 12 - 6	1,000 CFM	0.49"	13
24 x 20 x 12 - 12	1,660 CFM	0.49"	44.4
24 x 24 x 12 - 12	2,000 CFM	0.49"	48
<b>Multi-Wedge 95 • MERV 14 • 15" Depth</b>			
Nominal Size w x h x d -pockets	Air Flow CFM	Resistance @ 500 fpm	Media (sq ft)
12 x 24 x 15 - 6	1,000 CFM	0.46"	30
16 x 24 x 15 - 8	1,135 CFM	0.46"	40
20 x 20 x 15 - 10	1,400 CFM	0.46"	45.8
20 x 24 x 15 - 10	1,660 CFM	0.46"	50
24 x 12 x 15 - 6	1,000 CFM	0.46"	19
24 x 20 x 15 - 12	1,660 CFM	0.46"	56.4
24 x 24 x 15 - 12	2,000 CFM	0.46"	60
<b>Multi-Wedge 95 • MERV 14 • 24" Depth</b>			
Nominal Size w x h x d -pockets	Air Flow CFM	Resistance @ 500 fpm	Media (sq ft)
12 x 24 x 24 - 3	1,000 CFM	0.44"	23.6
12 x 24 x 24 - 4	1,000 CFM	0.38"	31.5
20 x 20 x 24 - 5	1,400 CFM	0.44"	34.6
20 x 20 x 24 - 6	1,400 CFM	0.38"	47
20 x 24 x 24 - 5	1,660 CFM	0.44"	39
20 x 24 x 24 - 6	1,660 CFM	0.38"	47
24 x 12 x 24 - 5	1,000 CFM	0.44"	21.7
24 x 12 x 24 - 6	1,000 CFM	0.38"	26
24 x 20 x 24 - 6	1,660 CFM	0.44"	41.5
24 x 20 x 24 - 8	1,660 CFM	0.38"	55.3
24 x 24 x 24 - 6	2,000 CFM	0.44"	47
24 x 24 x 24 - 8	2,000 CFM	0.38"	63
<b>Multi-Wedge 95 • MERV 14 • 30" Depth</b>			
Nominal Size w x h x d -pockets	Air Flow CFM	Resistance @ 500 fpm	Media (sq ft)
12 x 24 x 30 - 4	1,000 CFM	0.38"	39
20 x 24 x 30 - 6	1,660 CFM	0.38"	59
24 x 12 x 30 - 6	1,000 CFM	0.38"	32.5
24 x 24 x 30 - 8	2,000 CFM	0.38"	78.5

Performance tolerances conform to Section 7.4  
of ARI Standard 850 - 2004.