

## MULTI-WEDGE 45 'S'

SELF-SEALING

MERV 9



### WHY MULTI-WEDGE 45 'S'

- ◆ WELDED HEAT SEALED POCKETS
- ◆ MOISTURE RESISTANT
- ◆ 100% SYNTHETIC MEDIA
- ◆ SPOR-AX® ANTIMICROBIAL
- ◆ MERV 9
- ◆ 12" & 20" DEPTH

### MEDIA DESIGNED TO LAST

Fiber Bond Multi-Wedge filters are made with a tough, high density polyester media manufactured at Fiber Bond.

Resistant to high humidity, oil mists, acids, alkalies and most organic solvents.

### HEAT SEAL CONSTRUCTION

All perimeter edges and internal dividers are permanently welded together. This dielectric process assures a leak proof self-supporting pocket. No needle holes for dirt migration downstream.

### SELF-SEAL FRONT LOAD DESIGN

The positive edge self sealing design is used in conventional front access systems.

The overlapping media tightly pressure fits against the holding frame. No by-pass around the filter.

### SPOR-AX - NO EARLY CHANGE OUTS

Spor-Ax controls the growth of mold, mildew, algae and fungi on the filter.

Mold build up on filter media will increase resistance. No early or unanticipated filter purchases and change out.

### APPLICATIONS

- ★ HOSPITALS
- ★ AIRPORTS
- ★ UNIVERSITIES
- ★ PHARMACEUTICALS
- ★ OFFICE BUILDINGS
- ★ FOOD PROCESSING
- ★ MANUFACTURING
- ★ MEDICAL BUILDINGS

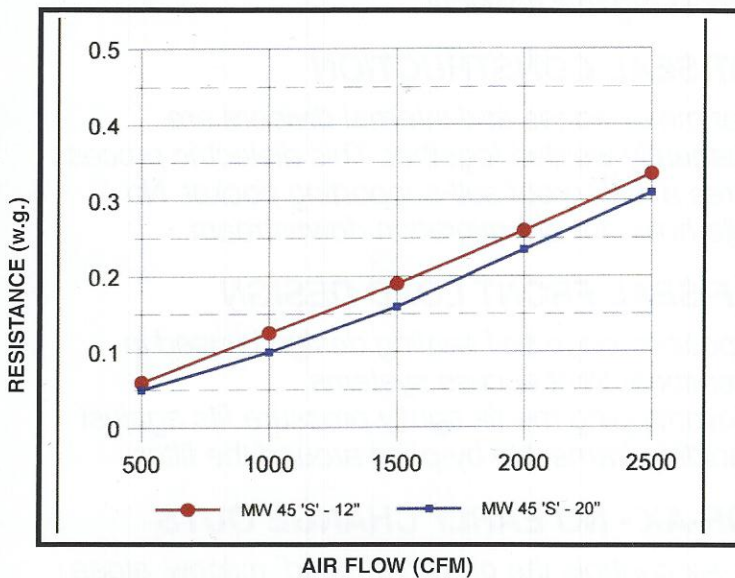
**"THE BEST FILTERS  
COME FROM THE BEST MEDIA"**



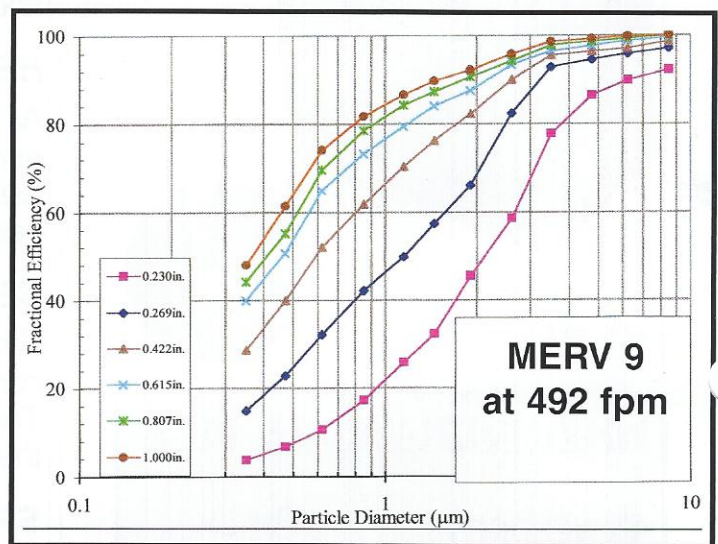
# TECHNICAL DATA

- MERV 9 - ASHRAE 52.2-1999
- Operating temperature up to 200° F.
- Initial Resistance (w.g.) at 492 fpm: 12 inch -0.27", 20 inch -0.23"
- Recommended discard point 1.0" wg
- Underwriter's Laboratories Class 2

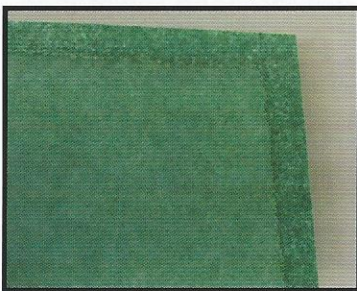
**RESISTANCE VS AIRFLOW**



**REMOVAL EFFICIENCY VS PARTICLE SIZE**



Particle Size Removal Efficiency Conducted by LMS Technologies.



100% welded heat sealed perimeter edges and internal seals assure a leak-proof construction.



Overlapping media pressure fits against frame preventing dirt by-pass.



Fiber Bond Multi-Wedge 45  
Also Available in a Header Design.

Spor-Ax® is a registered trademark of Fiber Bond Corporation.

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