



MICRO-PAC™ 99 BAG FILTERS

*High Efficiency
Synthetic Bag Filters*



ULTRA EFFICIENT

... these are simply the best words to describe Tri-Dim's MICRO-PAC 99 Bag Filter. Various independent laboratories have tested the MICRO-PAC 99 filter - all with outstanding results. The ASHRAE 52.2 test results rated the MICRO-PAC 99 at a MERV 16. This test showed 'Day 1' efficiency at 98% on 0.3-0.4 micron particles - nearing HEPA-level performance.

The MICRO-PAC 99 was also tested for *Initial Bioaerosol Removal Efficiency* per MIL Specification MIL-A-A-54372A - during this test the filter media is challenged by the bioaerosol *Micrococcus luteus* and the MICRO-PAC 99 was documented to removed 98.87%. This number is significant because it represents efficiency on an actual bioaerosol - not just a replica particle of similar size.

Along with high efficiency, the MICRO-PAC 99 also features quality construction that includes an extruded Aluminum header that will not rust. The MICRO-PAC 99 also features the trusted span stitch pocket construction that is sealed with a thermoplastic adhesive strip to prevent air bypass. The span stitch allows for the pocket to properly inflate and prevents bulging or collapsing during use. This allows for the maximum media utilization which reduces energy usage and extends the life of the filter.

MICRO-PAC 99 offers high efficiency and quality construction making it the choice for your demanding applications.

FEATURES

- ✓ MERV 16 Efficiency per ASHRAE 52.2
- ✓ 98.87% Bioaerosol Removal Efficiency
- ✓ 98% Day 1 Efficiency on 0.3-0.4 micron particles per ASHRAE 52.2
- ✓ 99.7% Dust Spot Efficiency
- ✓ Quality Construction
- ✓ Extruded Aluminum Header Standard - Galvaneal Steel Available
- ✓ Wire Support Filters Available
- ✓ Trusted Sealed Span Stitch Pocket Construction
- ✓ Gasketing Available
- ✓ Twenty Standard Sizes, Specials Sizes Available

EFFICIENCY

ASHRAE 52.2

ASHRAE 52.1 AVG. DUST SPOT

BIOAEROSOL REMOVAL EFF.

MERV 16

99.7%

98.87%

TEMPERATURE LIMIT

Maximum

150-175° F (65-79° C)

FINAL RESISTANCE

1.50"W.G. (373 PA)

MEETS ANSI/UL-900 REQUIREMENTS

SQUARE FEET OF MEDIA

24x24x26 8 Pocket

610x610x660

12x24x26 4 Pocket

305x610x660

24x24x30 8 Pocket

610x610x762

12x24x30 4 Pocket

305x610x762

24x24x36 8 Pocket

610x610x914

12x24x36 4 Pocket

305x610x914

69 sq. ft.

6.4 m²

35 sq. ft.

3.3 m²

80 sq. ft.

7.4 m²

40 sq. ft.

3.7 m²

96 sq. ft.

8.9 m²

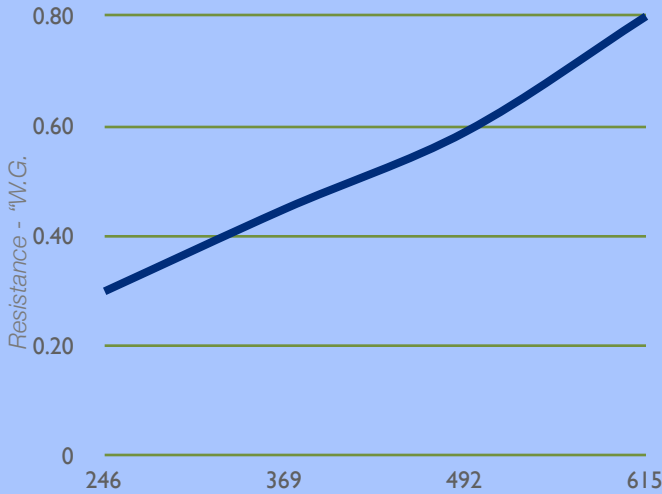
48 sq. ft.

4.5 m²

Please note that other sizes, depths and pocket combinations are available. Filter depth is measured from the front of the header to the end of the pocket, excluding hoops. Depth dimensions have a ± 1/2" tolerance.

INITIAL RESISTANCE

24x24x30 8-Pocket

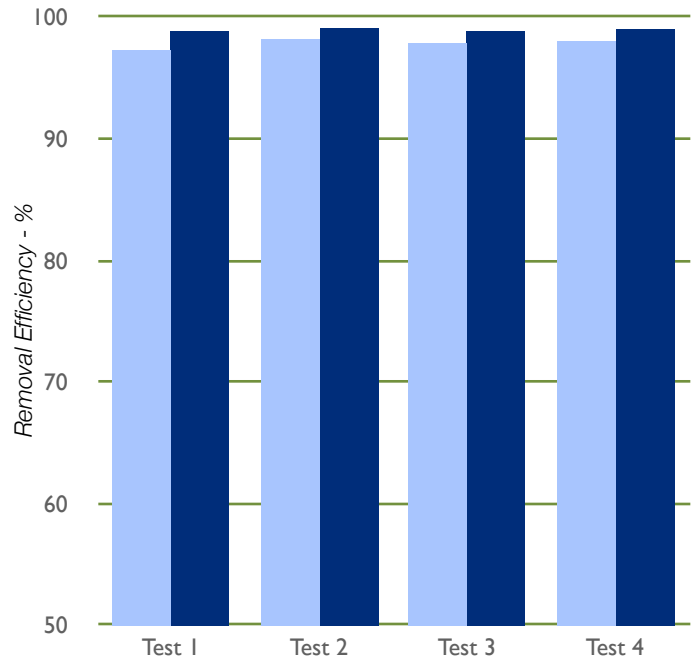


Airflow - FPM

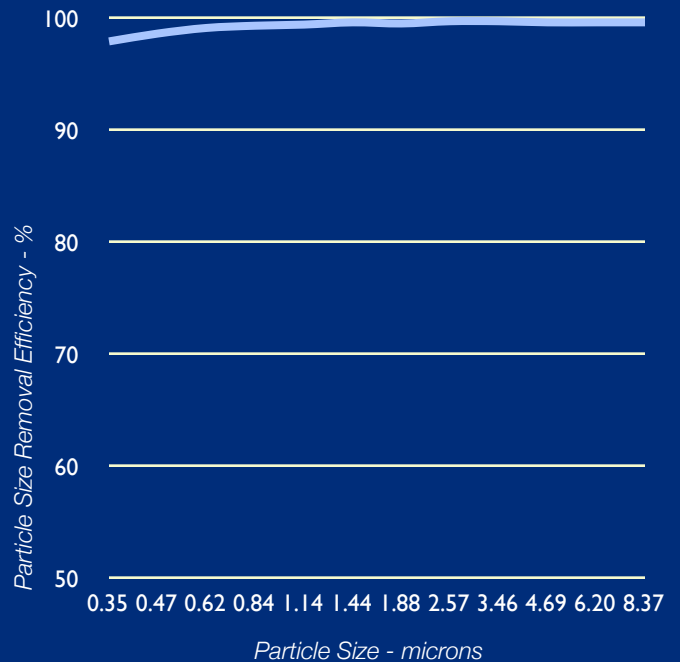
REMOVAL EFFICIENCY ON 0.3-0.4 μm

Initial Efficiency on .3-.4 micron

Final Efficiency on .3-.4 micron



INITIAL PARTICLE SIZE EFFICIENCY - ASHRAE 52.2



Tri-Dim Filter Corporation is committed to continual product development – all descriptions, specifications and performance data are subject to change without notice.

Tri-Dim products are manufactured to exacting criteria - there can be a ±5% variance in filter performance. Tri-Dim® and Tri-Dek® are Registered Trademarks of Tri-Dim Filter Corporation.



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