

## Pleated Filter

## MERV 14



Synthetic Spacing Bands  
optimizes airflow through  
filter



Durable plastic frame  
is resistant to moisture,  
warping and microbial  
growth



Polyurethane seal on both  
ends of filter strengthens  
V-Shaped pleats

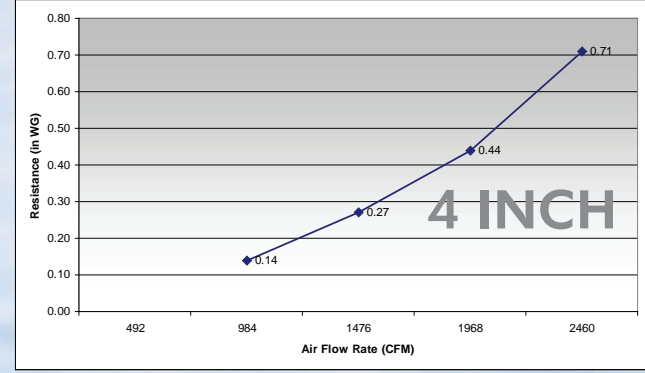
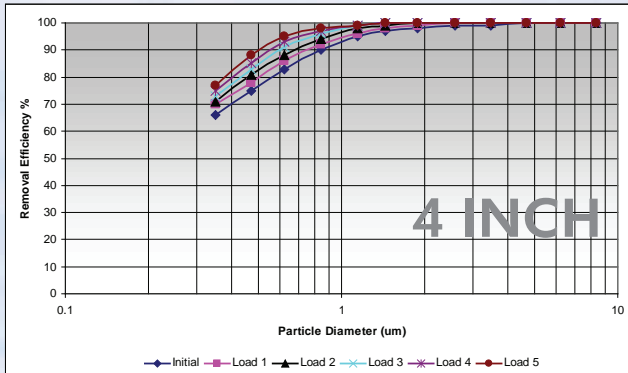
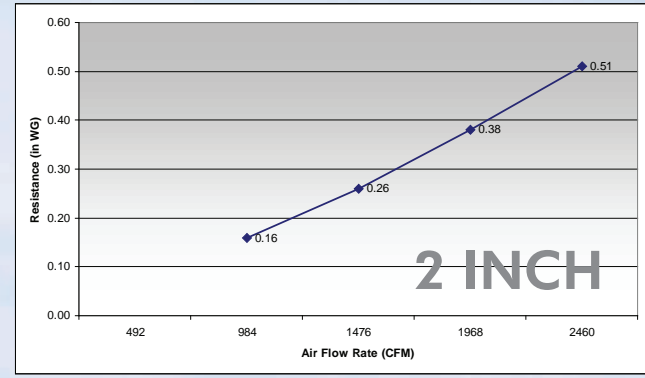
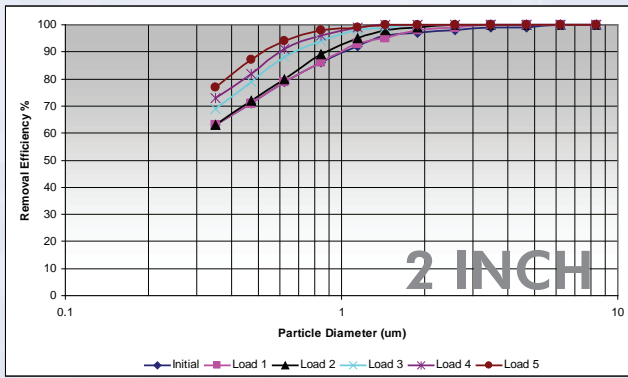


**viledon** Mini pleated filter meets all requirements of standard air handling systems as to frame dimensions, depth and filter performance. viledon's filtration superiority, known as the **viledon difference**, is highlighted by the following:

- ▶ The viledon Mini 95 is specifically designed for applications where maximum filtration efficiency and performance are required in a light weight small package.
- ▶ viledon develops and manufactures its own organic synthetic filter media. The large media area of the filter provides an exceptionally low pressure drop.
- ▶ The 100% synthetic media will not absorb moisture and maintains integrity even in wet conditions. The media is also resistant to most common chemicals.
- ▶ The lightweight all-plastic filter is free of metal parts, thus eliminating the risk of corrosion and punctures and is completely incinerable.
- ▶ Temperature Resistance: 160°F, peaks 175°F
- ▶ **UL 900 Class 1**
- ▶ Covered by U.S. patent 646745
- ▶ NYC MEA 438:00-M:11 Certification

## Particle Size Efficiency

## Resistance Curve



**ASHRAE 52.2**  
**MINI 95 2" RTI-AY03160101**  
**MINI 95 4" RTI-AY03140102**

Performance	Unit	MINI 95-2"	MINI 95-4"
Rated Air Flow	CFM	1968	1968
Initial Resistance	"w.g.	.38	.44
Final Resistance*	"w.g.	1.5	1.5
MERV@1968	1-16	14	14
ASHRAE 52.1 Equivalent Efficiency*	%	90-95%	90-95%
Media Area	ft <sup>2</sup>	52	83
Performance	Unit	MINI 95	
Burst Strength	"w.g.	>4	

## MINI 95 Characteristic Chart

Sizes	Unit	24x24	12x24	20x24	20x25	20x20	16x25	16x20
Actual Size (HxW)	in	23-3/8x23-3/8	11-3/8x23-3/8	19-3/8x23-3/8	19-3/8x24-3/8	19-3/8x19-3/8	15-3/8x24-3/8	15-3/8x19-3/8
Depth 2"	in	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4
Depth 4	in	3-3/4	3-3/4	3-3/4	3-3/4	3-3/4	3-3/4	3-3/4

The figures given are mean values subject to tolerances due to normal production fluctuations. Our explicit written confirmation is always required for the correctness and applicability of the information involved in any particular case.

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