

CI MERV-13 Pleated Filters 2" & 4"



CI MERV-13 Filters are engineered with superior performance criteria in all facets of filtration including efficiency, resistance, and dust-holding capacity to address today's challenging HVAC system requirements. As a part of the most advanced and innovative line of HVAC filtration products, the CI MERV-13 Filter combines an excellent initial and lifecycle resistance with a high dust-holding capacity. This combination provides optimum filter performance — creating the energy and operating cost savings desired in the demanding HVAC market. The CI MERV-13 Filter is backed by the outstanding customer service and on-time delivery that customers have come to expect from Columbus Industries.

Description and Benefits

CI MERV-13 Pleated Filters provide functional, high-efficiency performance at an economical cost. Columbus Industries' uniquely engineered filter media and geometrically designed pleat element combine to provide one of the industry's best performing MERV-13 filters.

These high-performance filters help to improve indoor air quality and remove contaminants from HVAC environments. The CI MERV-13 Pleated Filter is engineered to protect both expensive HVAC equipment and workers from dirty air and its damaging effects. The user-friendly filter is also lightweight, durable and easy to install.

CI MERV-13 Pleated Filters' engineered media is bonded to an expanded metal backing. The media is then formed into a geometrically designed pleat element and sealed in a heavy-duty, moisture-resistant kraft board frame. Each stage of the assembly process is quality controlled to ensure the performance, consistency and durability of each filter. These design and construction features combine to produce the best all-around performance in airflow, efficiency and dust-loading uniformity.

Looking for LEED certification? The CI MERV-13 is the perfect solution if you want to specify or upgrade your current filtration to meet LEED certification requirements. With these performance filters, your facility can gain points toward LEED certification – without incurring large operating cost increases. The CI MERV-13 meets efficiency standards outlined in the LEED program for new construction and existing buildings.

Quick Facts

Features:

- Provides lower initial resistance
- Provides lower energy consumption
- Provides lower operating cost
- Meets requirements for LEED certification
- Provides economical upgrade for higher filtration requirements

Applications:

- Commercial and industrial facilities
- Pharmaceutical
- Government and educational facilities
- Hospitals
- Paint booth/finishing

Technical:

- Available in 2" and 4" depth in a variety of standard sizes
- Available in high-capacity configurations only
- Tested in accordance with ASHRAE Test Standard 52.2-2007
- UL Standard 900 tested and approved
- 100% synthetic media
- Temperature rated up to 160°F
- .028 kraft board frame with added moisture resistance

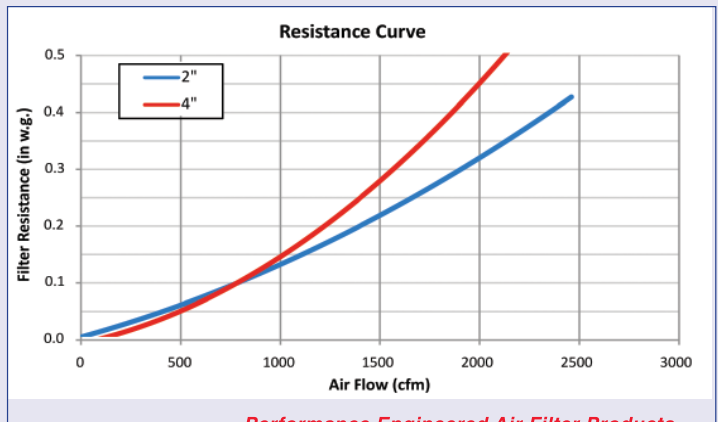
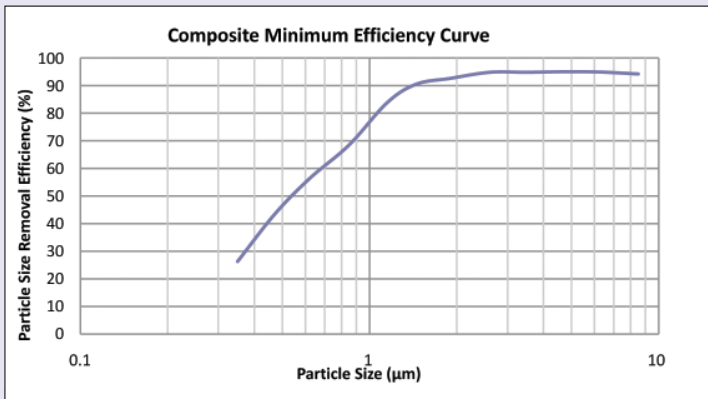
CI MERV-13 Pleated Filters

2" & 4"

Nominal Size	Exact Size	Rated Air Flow Capacity (CFM)		Initial Air Flow Resistance (in w.g.)		Media Area (SF)
		Med	High	Med	High	
12x24x2	11-3/8x23-3/8-1-3/4	600	1000	0.17	0.30	9.0
16x20x2	16-1/2x19-1/2x1-3/4	670	1110	0.17	0.30	10.0
16x24x2	15-3/8x23-3/8x1-3/4	800	1330	0.17	0.30	12.0
16x25x2	15-1/2x24-1/2x1-3/4	830	1390	0.17	0.30	13.0
20x20x2	19-1/2x19-1/2x1-3/4	830	1390	0.17	0.30	13.0
20x24x2	19-3/8x23-3/8x1-3/4	1000	1670	0.17	0.30	15.0
20x25x2	19-1/2x24-1/2x1-3/4	1040	1740	0.17	0.30	16.0
24x24x2	23-3/8x23-3/8x1-3/4	1200	2000	0.17	0.30	18.0

12x24x4	11-3/8x23-3/8-3-3/4	600	1000	0.17	0.30	14.0
16x20x4	16-1/2x19-1/2x3-3/4	670	1110	0.17	0.30	16.0
16x25x4	15-1/2x24-1/2x3-3/4	830	1390	0.17	0.30	20.0
20x20x4	19-1/2x19-1/2x3-3/4	830	1390	0.17	0.30	19.0
20x24x4	19-3/8x23-3/8x3-3/4	1000	1670	0.17	0.30	23.0
20x25x4	19-1/2x24-1/2x3-3/4	1040	1740	0.17	0.30	24.0
24x24x4	23-3/8x23-3/8x3-3/4	1200	2000	0.17	0.30	28.0

Filter Depth	Rated Air Flow Capacity (CFM)		Initial Resistance Air Flow in W.G.		Pleats Per Linear Foot	Final Recommended Resistance in W.G.
	Med	High	Med	High		
2"	1200	2000	0.17	0.30	15	1.0" W.G.
4"	1200	2000	0.17	0.30	11	1.0" W.G.



Performance Engineered Air Filter Products
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