Prime13

Pleated Filters

OVERVIEW

The Prime13 is a high efficiency pleated air filter, created to provide low initial resistance, high dust holding capacity and low pressure drop. As a high efficiency, extended-surface air filter, the Prime13 is a great solution for applications that need an upgrade from standard pleated MERV 8 and MERV 11 air filters. Trapping more than 98% of airborne particles, the Prime13 is ideal for commercial use. These air filters are designed to last longer than traditional MERV 13 offerings depending upon your indoor environment. The Prime13 has a MERV 13 rating per ASHRAE Test Standards 52.2 and is also UL 900 certified.

CONSTRUCTION

The Prime13 has a durable, moisture-resistant, beverage board frame with wire-supported media. Secured in a heavy-duty two-piece die cut frame, the Prime13 has diagonal grid supports for added strength.

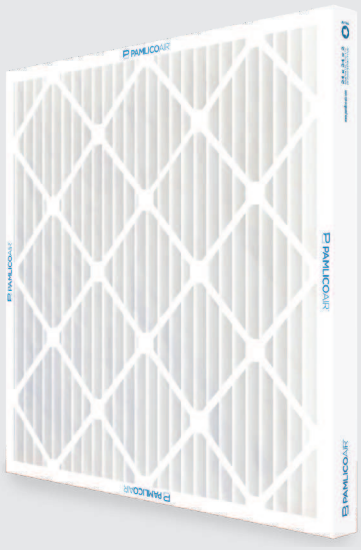
The Prime13's media is an electrostatic media designed for use specifically in extended surface pleated filters. This media offers the low resistance of charged media but with mechanical filtration performance. Our proprietary media has been engineered to remove up to 98% of airborne particles including dust and lint, dust mite debris, pollen, pet dander, mold spores, bacteria, microscopic allergens, virus carriers, most smoke, smog, oil smoke as well as lead dust.

APPLICATION

The Prime13 should be used anywhere a higher level of indoor air quality is required. Applications that would benefit from Prime13 pleated air filters include commercial buildings, food and beverage facilities, healthcare facilities, schools, universities, hospitality facilities such as hotels and locations with similar indoor environments.

ADDITIONAL PLEATED OPTIONS

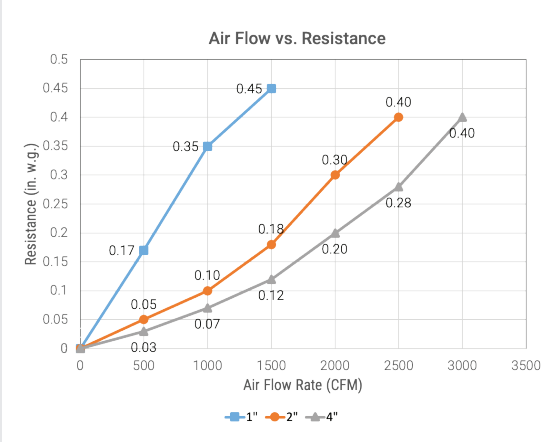
- Prime8 - Standard & high capacity MERV 8 filters *(see DS208)*
- Prime11 - Standard & high capacity MERV 11 filters *(see DS211)*
- PrimeHT - High temperature filters *(see DS208HT)*
- PrimeE - Economy filters *(see DS208E)*



PRODUCT SPOTLIGHT

- MERV 13 efficiency
- Extended surface
- High dust holding capacity
- Wire-supported electrostatic media
- Moisture resistant beverage board frame
- Available in 1", 2" & 4"
- Max Operating Temp: 180°F
- UL 900 certified

TECHNICAL DATA



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PERFORMANCE DATA

Nominal Depth	Nominal Size (WxHxD)	Actual Size (in.)			Air Flow @ Capacity (CFM)	Resistance @ Capacity (in. w.g.)	Total Media Area (sq. ft.)	Number of Pleats Per Linear Foot
		Width	Height	Depth				
1"	10x10x1	9.50	9.50	0.75	208	0.26	1.3	15
	10x20x1	9.50	19.50		416		2.6	
	10x25x1	9.50	24.50		520		3.2	
	12x12x1	11.38	11.38		300		1.9	
	12x20x1	11.50	19.50		500		3.1	
	12x24x1	11.50	23.50		600		3.8	
	12x25x1	11.75	24.75		625		4.0	
	14x20x1	13.50	19.50		583		3.7	
	14x25x1	13.50	24.50		729		4.6	
	15x20x1	14.50	19.50		625		3.9	
	15x25x1	14.50	24.50		781		4.9	
	16x16x1	15.75	15.75		533		3.5	
	16x20x1	15.50	19.50		665		4.2	
	16x24x1	15.50	23.50		800		5.1	
	16x25x1	15.50	24.50		833		5.3	
	18x18x1	17.75	17.75		675		4.4	
	18x20x1	17.50	19.50		750		4.7	
	18x24x1	17.50	23.50		900		5.7	
	18x25x1	17.50	24.50		937		5.9	
	20x20x1	19.50	19.50		833		5.3	
	20x24x1	19.50	23.50		1000		6.4	
	20x25x1	19.50	24.50		1041		6.6	
	22x22x1	21.75	21.75		1008		6.6	
	24x24x1	23.50	23.50		1200		7.7	
2"	10x20x2	9.50	19.50	1.75	700	0.30	6.0	15
	12x24x2	11.38	23.38		1000		8.8	
	14x20x2	13.50	19.50		975		8.5	
	14x25x2	13.50	24.50		1220		10.7	
	15x20x2	14.50	19.50		1040		9.2	
	16x20x2	15.50	19.50		1110		9.8	
	16x25x2	15.50	24.50		1390		12.3	
	18x18x2	17.75	17.75		1125		10.2	
	18x20x2	17.50	19.50		1250		11.1	
	18x24x2	17.38	23.38		1500		13.3	
	18x25x2	17.50	24.50		1565		13.9	
	20x20x2	19.50	19.50		1390		12.3	
	20x24x2	19.38	23.38		1670		14.8	
	20x25x2	19.50	24.50		1740		15.5	
	24x24x2	23.38	23.38		2000		17.9	
4"	12x24x4	11.38	23.38	3.75	1000	0.20	11.2	9
	16x20x4	15.50	19.50		1110		12.6	
	16x25x4	15.50	24.50		1390		15.8	
	18x24x4	17.38	23.38		1500		17.1	
	20x20x4	19.50	19.50		1390		15.8	
	20x24x4	19.38	23.38		1670		19.0	
	20x25x4	19.50	24.50		1740		19.8	
	24x24x4	23.38	23.38		2000		23.0	

Notes:
- 2" & 4" deep filters are rated at 500 fpm and 1" deep filters are rated at 300 fpm.
- More sizes are available. Please consult Pamlico Portal or contact customer service at customerservice@pamlico-air.com.
- Performance data is based on ASHRAE Test Standards 52.2 – 2017.