Airex Filter Corporation
Fiberglass
Disposable Panel Air Filters

AIREX FILTER
C O R P O R A T I O N

The NEW Airex Polystrand Fiberglass Filters are manufactured using a fiberglass media that has been totally encapsulated in Polyb, an exclusive technology that results in an economical, high loft filtration media that is gentle, soft and safe. Polystrand fibers are safer than typical glass and nonrespirable, meaning that they cannot make their way into small airways of the lower respiratory tract. Polystrand is a continuous strand measuring more than 3.5 microns, making the fibers unrespirable. By encapsulating the fiber we have all but eliminated fiber dusting. The combination of the fiberglass and Polyb allow the filter to reach MERV 4-5 in efficiency. The fibers are loosely spun on the air entering side and progressively woven tighter on the air exiting side creating a heavy laminated backing. This design increases dust holding capacity and eliminates the problem of surface loading while adding strength to the filter when the metal backing is eliminated. Our new gluing process eliminates the use of metal retainers on both the front and back side of the filter which can cause added resistance. The filter media is enclosed in a heavy duty moisture resistant white Kraft board frame. UL Approved as to flammability 217V Class 2 UL900.

Typical Performance Data

Filter Depth (inches)	Nominal Size (inches)	Capacities (CFM)		Resistance (inches W.G.)			Media (area square foot)	Dust Holding (Capacity/Grams)
		Med.	High	Med.	High	Final		
1"	12x24x1	600	1000	.09	.16	.50	1.88	105 grams
	15x20x1	640	1080	.09	.16	.50	1.96	110 grams
	16x20x1	650	1100	.09	.16	.50	2.10	117 grams
	16x25x1	850	1350	.09	.16	.50	2.64	148 grams
	20x20x1	850	1350	.09	.16	.50	2.64	148 grams
	20x25x1	1050	1750	.09	.16	.50	3.32	186 grams
	24x24x1	1200	2000	.09	.16	.50	3.84	215 grams
2"	12x24x2	600	1000	.08	.14	.50	1.88	139 grams
	16x20x2	650	1100	.08	.14	.50	2.10	155 grams
	16x25x2	850	1350	.08	.14	.50	2.64	195 grams
	20x20x2	850	1350	.08	.14	.50	2.64	195 grams
	20x25x2	1050	1750	.08	.14	.50	3.32	246 grams
	24x24x2	1200	2000	.08	.14	.50	3.84	284 grams

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Final maximum recommended resistance is .50" W.G. Maximum operating temperature 180 degrees fahrenheit continuous. 200 degrees fahrenheit intermittent.
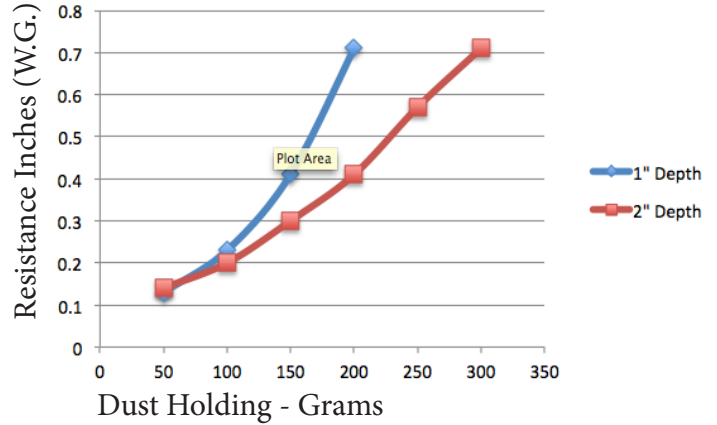
For more information, please visit our informational website
www.AirexFilter.com

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example part # **FTA24242**
FTA-24-24-2

| Filter Series (Fiberglass Panel Series) | Filter Width (24" Width) | Filter Height (24" Height) | Filter Depth (2" Depth) |

3 MONTH FILTER

Resistance Inches (W.G.) vs Dust Holding - Grams

Plot Area

- 1" Depth
- 2" Depth

- MERV 4-5 performance rating
- Earns LEED Points
- Reduces energy cost
- Extended filter life-cycle
- Conserves resources
- Improves indoor air quality
- Available in 1" and 2" depths
- Special sizes available upon request

Fiberglass Media

Fiberglass media was considered a breakthrough in filtration technology when it was first introduced, because of its unique combination of high removal efficiencies and high permeability. Microglass fibers have very fine diameters, resulting in more void space, thus providing greater dirt-holding capacity and increased flow rates.
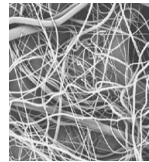
Underwriters Laboratories, Inc. (UL) is an agency that lists products they have tested against criteria deemed appropriate for public safety. The classification for HVAC air filters confirms that the filters will meet local and state requirements for most applications.

UL 900 covers both washable and throwaway filters, used for the removal of dust and other airborne particles from mechanically circulated air in equipment and systems. This is in accordance with the Standards of the National Fire Protection Association (NFPA) for Installation of Air Conditioning and Ventilating Systems, of Other Than Residence Type, NFPA No. 90A, and for Installation of Residence Type Warm Air Heating and Air Conditioning Systems, NFPA No. 90B.

AIREX FILTER CORPORATION

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