

Airex Filter Corporation
OR-1 MERV 8
 Anti Microbial Disposable Filter



The Airex OR1 AM MERV 8 Polyester Filters are manufactured using the highest quality materials available. The orange filter media consists of a 100% tackified polyester fiber that has been thermo bonded with fire retardant resin. The tackifier is added to enhance the overall efficiency of the media allowing it to reach a MERV 8 rating. An anti microbial agent has been added to prevent the growth of mold and bacteria. The design of the filter increases dust holding capacity and eliminates the problem of smaller particles working there way through the back side of the material. Our new gluing process eliminates the use of metal retainers on the front and back side of the filter which can cause added resistance. The use of metal retainers has been known to cause injury to service personal handling the product. Each fiber is treated with a non-odorous, non-migrating adhesive which helps hold dust within the filter, and allows viscous impingement filtration to occur. The filter media is enclosed in a heavy duty moisture resistant Kraft board frame. The outer frame indicates size, airflow direction, and the filter's UL Class 2 rating. 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	.12	.20	.50	1.88	93 grams
	15x20x1	640	1080	.12	.20	.50	1.96	98 grams
	16x20x1	650	1100	.12	.20	.50	2.10	102 grams
	16x25x1	850	1350	.12	.20	.50	2.64	127 grams
	20x20x1	850	1350	.12	.20	.50	2.64	127 grams
	20x25x1	1050	1750	.12	.20	.50	3.32	156 grams
	24x24x1	1200	2000	.12	.20	.50	3.84	178 grams
2"	12x24x2	600	1000	.11	.18	.50	1.88	131 grams
	16x20x2	650	1100	.11	.18	.50	2.10	144 grams
	16x25x2	850	1350	.11	.18	.50	2.64	175 grams
	20x20x2	850	1350	.11	.18	.50	2.64	175 grams
	20x25x2	1050	1750	.11	.18	.50	3.32	215 grams
	24x24x2	1200	2000	.11	.18	.50	3.84	250 grams

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Technical data based on one and two inch OR-1 Tac polyester. Final maximum recommended resistance is .50" w.g. Maximum operating temperature is 180 degrees fahrenheit continuous, 200 degrees fahrenheit intermittent.

For more information, please visit our informational website

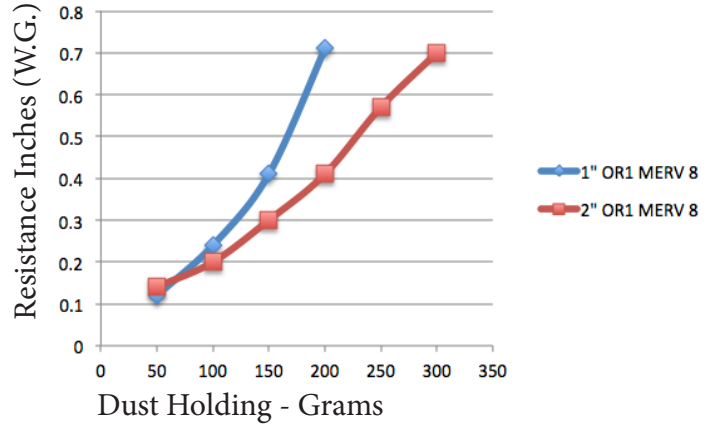
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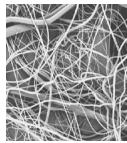
Anti Microbial Disposable Filter



- MERV 8 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



Airex OR1 antimicrobial filters are manufactured with an antimicrobial media that inhibits the growth of micro-organisms such as bacteria, fungi, mold spores and other airborne contaminants.



Dual-Ply tackifying agent provides progressive density depth loading. An adhesive throughout the entire final layer absorbs and locks-in dust particles.



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.



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