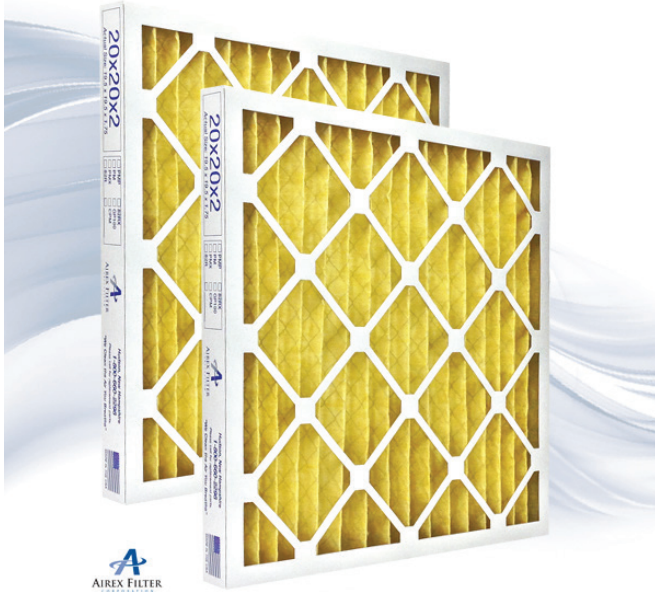


Airex Filter Corporation
82-R MERV 11
 Standard Capacity Pleated Filter



The Airex 82-R MERV 11 are available in a wide range of sizes for all commercial, industrial and residential applications. The filter media is a 100% synthetic, electrostatically charged media, designed to attract and hold airborne contaminants. This results in a higher efficient filter, 80-85 @ 5 micron and over 90% @ 10 micron without sacrificing airflow. Initial resistance of a 2" deep filter is just .30" w.g. @ 500 FPM. The enclosing frame of the 82-R is constructed of a rigid, heavy duty moisture resistant beverage board. The support members are an integral part of the frame and are bonded to each pleat on both sides to insure pleat spacing and stability. The filter pack is bonded to the inside periphery of the frame, thus eliminating the possibility of air bypass. The media support grid is available in expanded wire with an effective open area of not less than 93%. The wire grid is bonded to the filter media to eliminate the possibility of media oscillation and media pull away. UL Approved 217V as to flammability class 2 UL900.

Typical Performance Data

Filter Depth (inches)	Nominal Size (inches)	Capacities (CFM)		Resistance (inches W.G.)			Pleats (per linear foot)	Media (area square foot)
		Med.	High	Med.	High	Final		
1"	12x24x1	600	1000	.23	.39	1.0	14	4.7
	16x20x1	650	1100	.23	.39	1.0	14	5.3
	16x25x1	850	1350	.23	.39	1.0	14	6.6
	20x20x1	850	1350	.23	.39	1.0	14	6.7
	20x25x1	1050	1750	.23	.39	1.0	14	8.3
	24x24x1	1200	2000	.23	.39	1.0	14	9.3
2"	12x24x2	600	1000	.18	.30	1.0	10	6.7
	16x20x2	650	1100	.18	.30	1.0	10	7.8
	16x25x2	850	1350	.18	.30	1.0	10	9.7
	20x20x2	850	1350	.18	.30	1.0	10	9.4
	20x25x2	1050	1750	.18	.30	1.0	10	11.8
	24x24x2	1200	2000	.18	.30	1.0	10	13.3
4"	12x24x4	600	1000	.16	.26	1.0	11	14.7
	16x20x4	650	1100	.16	.26	1.0	11	16.7
	16x25x4	850	1350	.16	.26	1.0	11	20.8
	20x20x4	850	1350	.16	.26	1.0	11	21.1
	20x25x4	1050	1750	.16	.26	1.0	11	26.4
	24x24x4	1200	2000	.16	.26	1.0	11	29.3
	25x29x4	1500	2500	.16	.26	1.0	11	37.1

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Final maximum recommended resistance is 1.0" w.g. MERV 11 filters are 80-85% efficient at 3-5 micron. Maximum operating temperature 180 degrees fahrenheit intermittent.

For more information, please visit our informational website

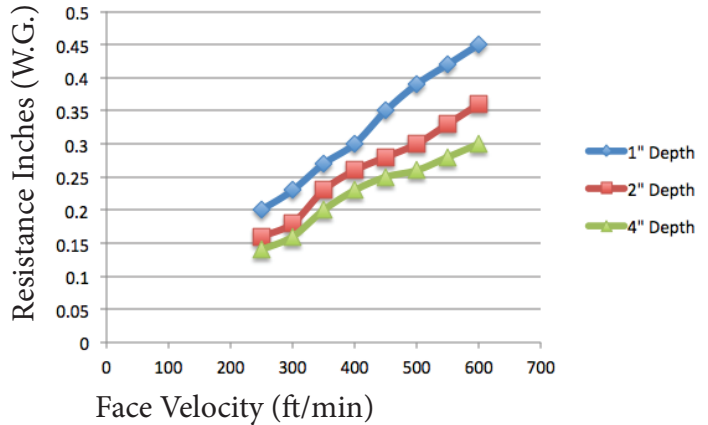
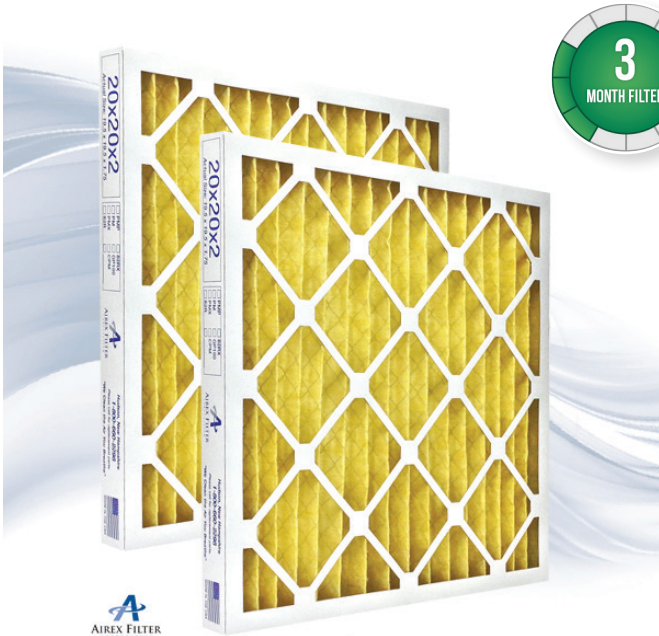
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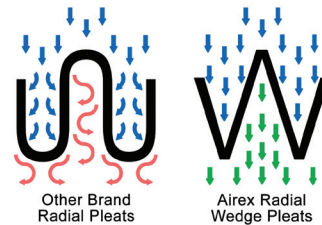
Airex Filter Corporation
82-R MERV 11
Standard Capacity Pleated Filter

example part # **82R25252**

82R-25-25-2



Radial pleats produce turbulent airflow and uneven air distribution. Airex radial wedge pleats optimize air flow while reducing restriction.



- MERV 11 performance rating
- Earns LEED Points
- Reduces energy cost
- Extended filter life-cycle
- Conserves resources
- Improves indoor air quality
- Available in 1", 2", and 4" depths
- Special sizes available upon request



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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