



Full Service Filtration Solutions

Areas of Filtration

- HVAC
- Oil / Hydraulics
- Paint Intake & Overspray
- Filter Housings
- Compressed Air
- Dust Collection
- Cleanroom
- Water / High Purity Water
- Activated Carbon
- R/O Membranes

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MERV RATING CHART

(Minimum Efficiency Reporting Value)



BASIC	Particle Size Nominal Rating	Arrestance	Dust-Spot Efficiency %	Typical Applications	Most Common Air Filter Type
MERV 1	None	< 65%	< 20%	Window A/C Units	Electrostatic
MERV 2	None	65—70%	< 20%	Spray Paint Dust	Electrostatic
MERV 3	None	70—75%	< 20%	Residential	Washable
MERV 4	None	75– 80%	< 20%	Minimal Filtration	Throwaway

GOOD	Particle Size Nominal Rating	Arrestance	Dust-Spot Efficiency %	Typical Application	Most Common Air Filter Type
MERV 5	None	80—85%	< 20%	Paint Booth Inlet	Poly Disposable Throwaway
MERV 6	None	85—90%	< 20%	Industrial Workplace	Cube / Pocket Filters
MERV 7	1 Micron	> 90%	25—30%	Better Residential	Cartridge Filters
MERV 8	1 Micron	> 90%	30—35%	Standard Commercial Buildings	Pleated Filters

BETTER	Particle Size Nominal Rating	Arrestance	Dust-Spot Efficiency %	Typical Application	Most Common Air Filter Type
MERV 9	1 Micron	> 90%	40 –45%	Hospital Laboratories	Box Filter
MERV 10	1 Micron	> 95%	50—55%	Hospital Laboratories	Box Filters
MERV 11	1 Micron	> 95%	60—65%	Better Commercial Buildings	Bag Filters
MERV 12	1 Micron	> 95%	70—75%	Superior Residential	Bag Filters

BEST	Particle Size Nominal Rating	Arrestance	Dust-Spot Efficiency %	Typical Application	Most Common Air Filter Type
MERV 13	1 Micron	> 98%	89—90%	Superior Commercial Buildings	Box Filter
MERV 14	1 Micron	> 98%	90—95%	Smoking Lungs	Bag Filter
MERV 15	1 Micron	–	> 95%	Hospital Inpatient	Bag Filter
MERV 16	1 Micron	–	> 95%	General Surgery	Bag Filter

HEPA	Particle Size Absolute Rating	Arrestance	Dust-Spot Efficiency %	Typical Application	Most Common Air Filter Type
	0.3 Micron	–	99.97%_	Carcinogenetic Materials	HEPA Filter
	0.12 Micron	–	99.99%	Pharmaceutical MFG	HEPA Filter
	0.12 Micron	–	99.999%	Radioactive Materials	HEPA Filter
	0.12 Micron	–	99.999%	Cleanrooms	HEPA Filter