

MERV Chart

Typical Air Filter Type	Disposable Panel Filters, Fiberglass & Synthetic Filters, Permanent Self Cleaning Filters, Electrostatic Filters, Washable Metal Foam Filters	Pleated Filters, Extended Surface Filters, Media Panel Filters	Non-Supported Bag Filters, Rigid Box Filters, Rigid Cell / Cartridge Filters	Non-Supported Bag Filters, Rigid Box Filters, Rigid Cell / Cartridge Filters	HEPA Filters, ULPA Filters, SULPA Filters
MERV Std. 52.2	1-4	5-8	9-12	13-16	17-20
Average Efficiency	<20 %	<20 to 35%	40 to 75%	80 to 95%+	99.97%, 99.99%, 99.999%
Average Arrestance ASHRAE Std. 52.1	60 to 80%	80 to 95%	>95 to 98%	98 to 99%	N/A
Particle Size Ranges	>10.0 microns	3.0-10.0 microns	1.0-3.0 microns	0.30-1.0 microns	<0.30 microns
Typical Air Filter Applications	Residential, Light Commercial, Equipment Protection	Industrial Workplace, Commercial, Paint Booths	Industrial Workplace, High End Commercial Buildings	Smoke Removal, General Surgery, Hospitals and Health Care	Clean Rooms, High Risk Surgery, Hazardous Materials