



The Machado Filter Comparison Chart

FPR (Home Depot) Rating	FPR 4	FPR 6-10	1 800 358-3828
MPR (3M) Rating	300 600	1000-2200	
MERV Rating	1 2 3 4 5 6 7 8	9 10 11 12	13 14 15 16 17 18 19 20
PARTICLE SIZES	10 Microns (μ) and larger Will filter out less than 20% of particles 10 μ and larger	10 μ to 3 μ Will filter out 20-35% of particles 3 μ and larger	1 μ to 0.3 μ Will filter out 80-95% of particles .3 μ and larger This is the range of HEPA filters certified to filter out 99.7% of particles .3 μ and larger
100 μ & larger	10 μ	3 μ	1 μ 0.3 μ 0.1 μ 0.001 μ
Pollen			
Textile dust			
Human Hair			
Dust Mites			
Mold and mold spores			
Sanding dust			
Visible household dust			
		Bacteria	
		Animal dander	
		Other household dust	
		Asbestos	
		Skin Flakes	
		Talcum Powder	
		Wood Smoke	
		Tobacco Smoke	
		Cooking Smoke	
		Smog	
		Lead	
		Viruses	
		Radon	

