



Filtration Spectrum

Below is a chart comparing the sizes of typical water contaminants and various filtration technologies that can address each contaminant. This chart emphasizes the importance of proper pretreatment before a Reverse Osmosis unit or Ion Exchange bed to avoid premature pluggage by larger suspended solids.

0.0001	0.001	0.01	0.1	1	10	50	100
Micron	Micron	Micron	Micron	Micron	Micron	Micron	Micron
Atoms	Molecules	Viruses	Bacteria	Pollen	Human Hair	Sand	
Dissolved Solids		Suspended Solids					
		Colloids		Solids can settle			
						Multi Media Filtration	
						Microfiltration	
						Ultrafiltration	
						Nanofiltration	
		Reverse Osmosis					
Ion Exchange							

