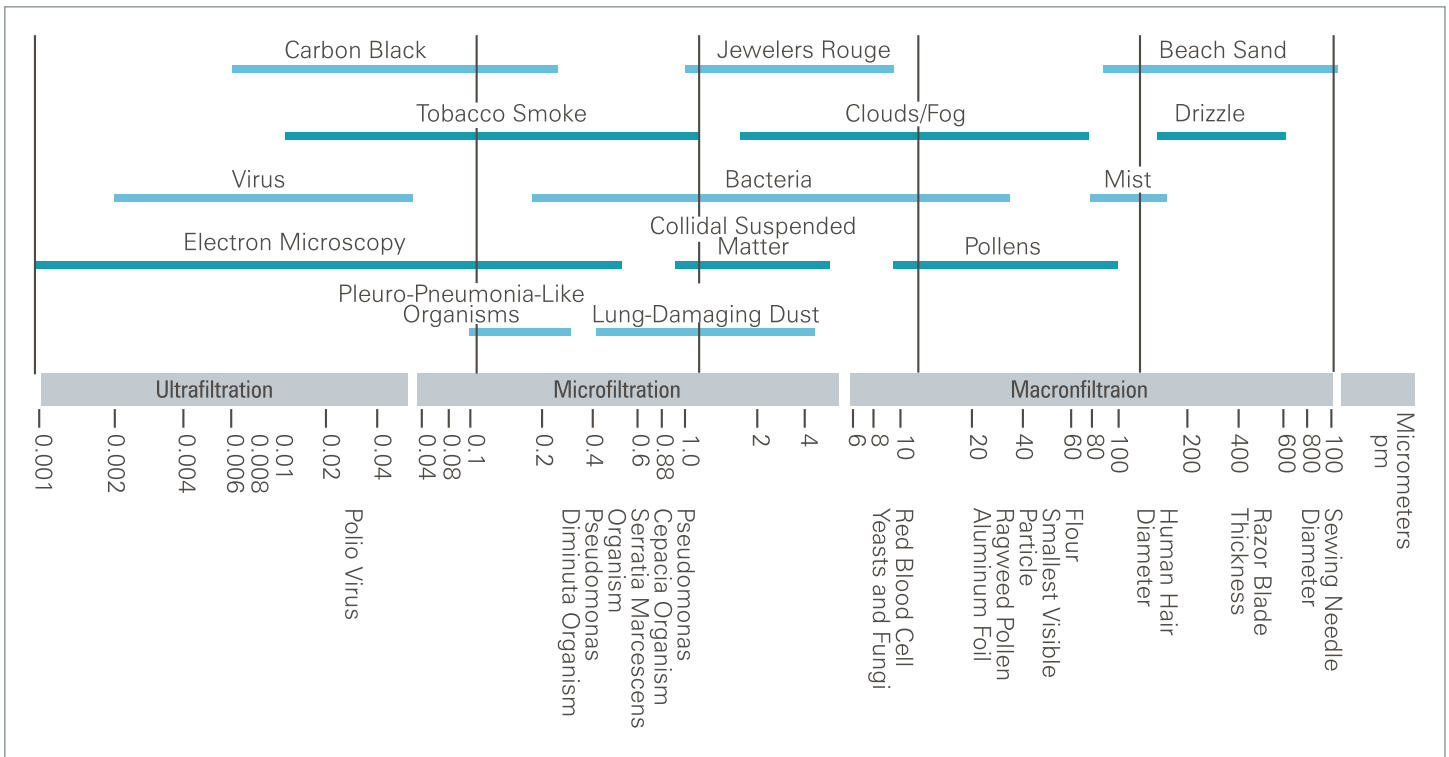


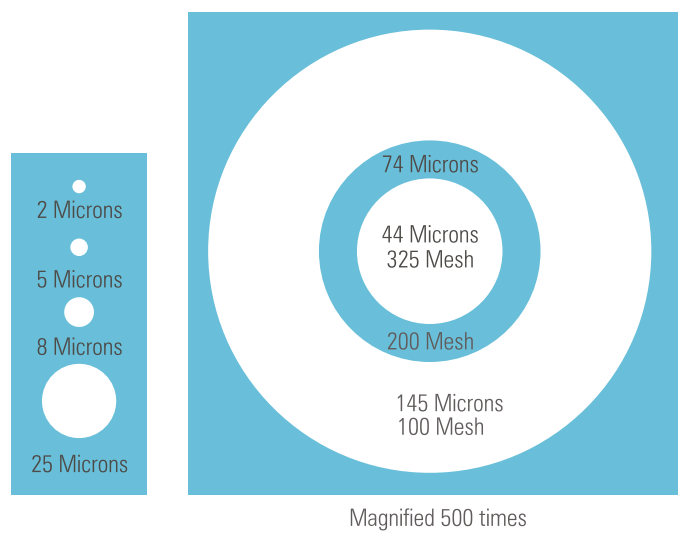
Basics of Filtration

Relative sizes of particles

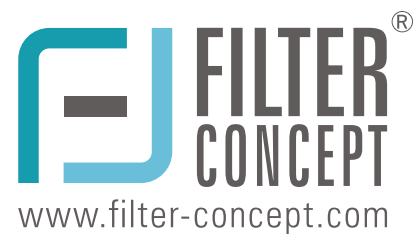


Micron Size

Particle	Size
Table Salt	100 Microns
Human hair	40 - 70 Microns
Talcum powder	10 Microns
Fine test dust	0.5 Microns
<i>Pseudomonas diminuta</i>	0.3 Microns



Mesh vs Micron



U.S.MESH	INCHES	MICRONS
3	0.265	6730
3 1/2	0.223	5660
4	0.187	4760
5	0.157	4000
6	0.132	3360
7	0.111	2830
8	0.0937	2380
10	0.0787	2000
12	0.0661	1680
14	0.0555	1410
16	0.0469	1190
18	0.0394	1000
20	0.0331	841
25	0.028	707
30	0.0232	595
35	0.0197	500
40	0.0165	420
45	0.0138	354
50	0.0117	297
60	0.0098	250
70	0.0083	210
80	0.007	177
100	0.0059	149
120	0.0049	125
140	0.0041	105
170	0.0035	88
200	0.0029	74
230	0.0024	63
270	0.0021	53
325	0.0017	44
400	0.0015	37

Note : Above Details are approximate values for reference & may not be 100% correct.