

MESH vs MICRON CHART

MESH	MICRONS	INCHES	MILLIMETERS	PRODUCT	OBJECT
3	6730	0.265	6.73		
4	4760	0.187	4.76		GRAVEL STARTS AT 4.75MM
5	4000	0.157	4		
6	3360	0.132	3.36		
7	2830	0.111	2.83		
8	2380	0.0937	2.38		
10	2000	0.0787	2		
12	1680	0.0661	1.68		
14	1410	0.0555	1.41		
16	1190	0.0469	1.19		EYE OF A NEEDLE
18	1000	0.0394	1		
20	841	0.0331	0.841		
25	707	0.028	0.707		
28	700	0.028	0.7		
30	595	0.0232	0.595		
35	500	0.0197	0.5		
40	420	0.0165	0.42		
45	354	0.0138	0.354		
50	297	0.0117	0.297		
60	250	0.0098	0.25		FINE SAND
70	210	0.0083	0.21		
80	177	0.007	0.177		
100	149	0.0059	0.149		
120	125	0.0049	0.125		
140	105	0.0041	0.105		
	100	0.00394	0.1		BEACH SAND (100-2,000 MICRONS)
170	88	0.0035	0.088		
200	74	0.0029	0.074		CEMENT
	70	0.00276	0.07		AVERAGE HUMAN HAIR (70-100)
230	63	0.0024	0.063		
	55	0.00217	0.055		
270	53	0.0021	0.053		
	50	0.00197	0.5		REMOVE VISIBLE PARTICLES FROM LIQUID
325	44	0.0017	0.044		SILT (10-75)
	40	0.00157	0.04		LOWER LIMIT OF VISIBILITY (NAKED EYE)
400	37	0.0015	0.037		PLANT POLLEN
550	25	0.00099	0.025		WHITE BLOOD CELLS
625	20	0.00079	0.02		
1200	12	0.0005	0.012		
1250	10	0.000394	0.01		TALCUM POWDER/ SPORES /MOLD
	7	0.000276	0.007		RED BLOOD CELLS
2500	5	0.000197	0.005		BACTERIA (0.5-20 MICRONS)
4800	3	0.000118	0.003		
5000	2.5	0.000099	0.0025		CIGARETTE SMOKE BACTERIA
12000	1	0.0000394	0.001		CRYPTOSPORIDIUM

