

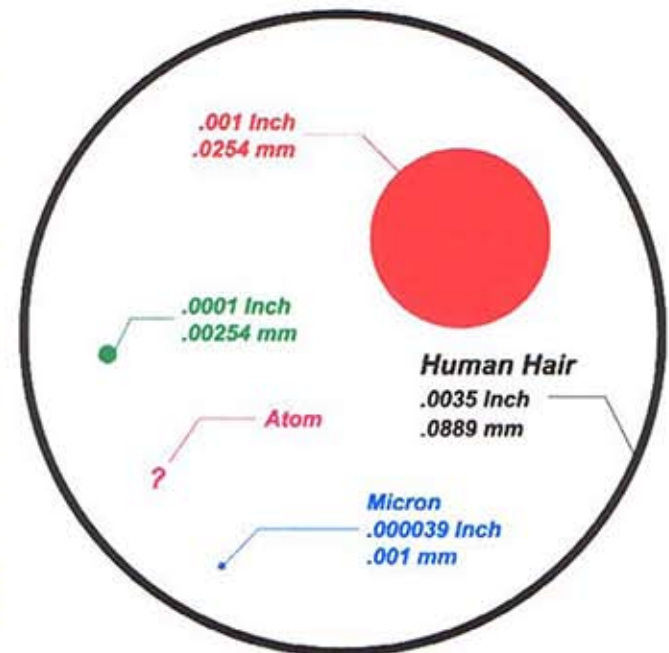
**What is a micron?** A micron is another measurement we use for measuring particle size. A micron is one-millionth of a meter or one twenty-five thousandth of an inch.

**What does mesh size mean?** Figuring out mesh sizes is simple. All you do is count the number of openings in one inch of screen (in the United States, anyway.) The number of openings is the mesh size. So a 4 mesh screen means there are four little squares across one linear inch of screen. A 100 mesh screen has 100 openings, and so on. Note: therefore that as the number describing the mesh size increases, the size of the particles decreases. Higher numbers = finer powder. Mesh size is not a precise measurement of particle size. Screens can be made with different thicknesses of wire. The thicker the wires, the smaller the particle passing through that screen, and vice versa.

**How fine do screens get?** That depends on the wire thickness. But the supplier of our screens does not offer any screens finer than 500 mesh. If you think about it, the finer the weave, the closer the wires get together, eventually leaving no space between them at all. So, beyond 325-400 mesh, we usually describe particle size in "microns."

## MESH TO MICRON CONVERSION CHART

U.S. MESH	MICRONS	INCHES	MILLIMETERS
3	6730	0.2650	6.730
4	4760	0.1870	4.760
5	4000	0.1570	4.000
6	3360	0.1320	3.360
7	2830	0.1110	2.830
8	2380	0.0937	2.380
10	2000	0.0787	2.000
12	1680	0.0661	1.680
14	1410	0.0555	1.410
16	1190	0.0469	1.190
18	1000	0.0394	1.000
20	841	0.0331	0.841
25	707	0.0280	0.707
30	595	0.0232	0.595
35	500	0.0197	0.500
40	400	0.0165	0.400
45	354	0.0138	0.354
50	297	0.0117	0.297
60	250	0.0098	0.250
70	210	0.0083	0.210
80	177	0.0070	0.177
100	149	0.0059	0.149
120	125	0.0049	0.125
140	105	0.0041	0.105
170	88	0.0035	0.088
200	74	0.0029	0.074
230	63	0.0024	0.063
270	53	0.0021	0.053
325	44	0.0017	0.044
400	37	0.0015	0.037



Magnified 2000 times size