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### MESH / INCH / MICRON / MILLIMETER - CONVERSION CHART (U.S. STANDARD)

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

What does mesh size mean? It is the number of openings in one inch of screen. A 4-mesh screen means there are four squares across one linear inch of screen. A 100-mesh has 100 openings, and so on. As the mesh size increases, the particle size decreases for finer material. Mesh size is not a precise measurement of particle size.

Linear Equivalents: 1 micron = .00003937 inches · 25,400 microns = 1 inch · 1,000 microns = 1 millimeter

Naked-eye visibility threshold = 40 microns