

Mesh to Micron Conversion Chart

Mesh	Microns	Millimeters	Inches	Wire Dia	Open Area	Typical Applications
3	6730	6.730	0.2650	1.60	81	Coarse filtration, gravel, stones
5	4000	4.000	0.1570	1.20	74	Coarse filtration, sand
10	2000	2.000	0.0787	0.80	64	Water treatment, general filtration
16	1190	1.190	0.0469	0.56	60	Water filters, strainers
20	840	0.840	0.0331	0.46	56	Liquid filtration, paint filters
30	590	0.590	0.0232	0.32	53	Fine filtration, chemicals
40	420	0.420	0.0165	0.28	51	Cosmetics, pharmaceuticals
50	297	0.297	0.0117	0.23	48	Food & beverage, liquids
60	250	0.250	0.0098	0.20	46	Liquids, oils
80	177	0.177	0.0069	0.15	44	Fine liquids, hydraulic oils
100	149	0.149	0.0059	0.15	42	Pharmaceuticals, fine filtration
110	125	0.125	0.0049	0.12	40	Fine chemicals, food
140	105	0.105	0.0041	0.11	38	Fine filtration, coatings
200	74	0.074	0.0029	0.08	36	Very fine filtration
325	44	0.044	0.0017	0.05	33	Pharmaceuticals, inks
400	37	0.037	0.0015	0.06	32	Ultra fine filtration
500	25	0.025	0.0010	0.03	30	Special fine filtration
1000	15	0.015	0.0006	0.02	28	Micron level filtration

Note: Values are approximate and may vary depending on wire diameter, weaving pattern, and manufacturer specifications.

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