

Mesh Size Conversion Table



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A “+” before the mesh size indicates the particles are retained on and are larger than the sieve. A “-” before the mesh size indicates the particles pass through and are smaller than the sieve. For example, -325 mesh indicates the particles pass through and are smaller than the openings of a 325 mesh (44 micron) sieve. Typically 90% or more of the particles will fall within the specified mesh.

MESH SIZE	APPROXIMATE MICRON SIZE	APPROXIMATE MILLIMETERS	INCHES
4	4760	4.76	0.185
6	3360	3.36	0.131
8	2380	2.38	0.093
12	1680	1.68	0.065
16	1190	1.19	0.046
20	840	0.84	0.0328
30	590	0.59	0.0232
40	420	0.42	0.0164
50	297	0.29	0.0116
60	250	0.25	0.0097
70	210	0.21	0.0082
80	177	0.17	0.0069
100	149	0.14	0.0058
140	105	0.10	0.0041
200	74	0.07	0.0029
230	62	0.06	0.0024
270	53	0.05	0.0021
325	44	0.04	0.0017
400	37	0.03	0.0015
625	20	0.02	0.0008
1250	10	0.01	0.0004
2500	5	0.005	0.0002

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