

A useful guide and conversion for sieve sizes.

The **US mesh** sizes were historically given in the number of holes per inch; but due to the width of the wires in the mesh, mesh numbers did not correspond directly to fractional inch sizes, so several different systems were standardized with slightly different mesh sizes for the same mesh numbers. The **Micron** measurement refers to the size of a particle that are able to fall through the sieve hole therefore if it is greater than that micron size it will be unable to fall through and would be collected in the sieve. Both the **inches** and the **mm** give the approximate size of the hole.

Most pottery suppliers and makers refer to the US mesh size measurement, the commonest ones are highlighted in green.

U.S. Mesh	Inches	Microns	Millimetres
60	0.0098	250	0.250
70	0.0083	210	0.210
80	0.0070	177	0.177
100	0.0059	149	0.147
120	0.0049	125	0.125
140	0.0041	105	0.105
170	0.0035	88	0.088
200	0.0029	74	0.074