



Particle Size Reference Conversion Chart

Mesh	Microns (µm)	mm	Inches	Reference / Notes
4	4,760	4.760	0.1870	Pea Gravel
6	3,360	3.360	0.1320	Aquarium Gravel
8	2,380	2.380	0.0937	Drainage Stone
10	2,000	2.110	0.0787	Anti-slip Coatings
12	1,680	1.680	0.0661	Coarse Broadcast Sand
16	1,190	1.190	0.0469	Large end of 16/30 Common Grade
20	841	0.841	0.0331	Common Roofing Granules Avg Size
30	595	0.595	0.0234	Common Concrete Sand
40	420	0.420	0.0165	Masonry / Epoxy Broadcast Sand
50	297	0.297	0.0117	Average Table Salt – Reference
60	250	0.250	0.0098	Sandblasting Media – Reference
70	210	0.210	0.0083	Fine Sand
100	149	0.149	0.0059	Powder Coatings
140	105	0.105	0.0041	Very Fine Industrial Fillers
200	74	0.074	0.0029	Average Human Hair Thickness – Reference
270	53	0.053	0.0021	Flour Particle Size – Reference
325	44	0.044	0.0017	Average Cement, Fly Ash Particle – Reference
400	37	0.037	0.0015	Ultra Fine Filler
500	25	0.025	0.0010	Mineral Filler Like Talc - Reference
-	10	0.010	0.00039	Top Size of Smoke Particles - Reference
-	5	0.005	0.00020	Micronized Filler Particles, Dust Particles

Coarser / Larger

Finer / Smaller

Common Sizes

16/30 Mesh
20/40 Mesh
40/70 Mesh
70/100 Mesh
325 Mesh



Common Reference Sizes

Beach Sand: 200 – 500 µm
Table Salt: 300 µm
Human Hair: 70 µm
Cement: 10 – 100 µm
Smoke: 1 – 10 µm

Coarser

Finer