



Particle Size Conversion

Sieve Opening			Sieve Designation	
Inches	mm	Microns	Standard (mm)	Mesh
1.00	25.4	25400	25.4	1 in.
0.875	22.6	22600	22.6	7/8 in.
0.750	19.0	19000	19.0	3/4 in.
0.625	16.0	16000	16.0	5/8 in.
0.530	13.5	13500	13.5	0.530 in.
0.500	12.7	12700	12.7	1/2 in.
0.438	11.2	11200	11.2	7/16 in.
0.375	9.51	9510	9.51	3/8 in.
0.312	8.00	8000	8.00	5/16 in.
0.265	6.73	6730	6.73	0.265 in.
0.250	6.35	6350	6.35	1/4 in.
0.223	5.66	5660	5.66	No. 3 1/2
0.187	4.76	4760	4.76	No. 4
0.157	4.00	4000	4.00	No. 5
0.132	3.36	3360	3.36	No. 6
0.111	2.83	2830	2.83	No. 7
0.0937	2.38	2380	2.38	No. 8
0.0787	2.00	2000	2.00	No. 10
0.0661	1.68	1680	1.68	No. 12
0.0555	1.41	1410	1.41	No. 14
0.0469	1.19	1190	1.19	No. 16
0.0394	1.00	1000	1.00	No. 18
0.0331	0.841	841	0.841	No. 20
0.0278	0.707	707	0.707	No. 25
0.0234	0.595	595	0.595	No. 30
0.0197	0.500	500	0.500	No. 35
0.0165	0.420	420	0.420	No. 40
0.0139	0.354	354	0.354	No. 45
0.0117	0.297	297	0.297	No. 50
0.0098	0.250	250	0.250	No. 60
0.0083	0.210	210	0.210	No. 70
0.0070	0.177	177	0.177	No. 80
0.0059	0.149	149	0.149	No. 100
0.0049	0.125	125	0.125	No. 120
0.0041	0.105	105	0.105	No. 140
0.0035	0.088	88	0.088	No. 170
0.0029	0.074	74	0.074	No. 200
0.0025	0.063	63	0.063	No. 230
0.0021	0.053	53	0.053	No. 270
0.0017	0.044	44	0.044	No. 325
0.0015	0.037	37	0.037	No. 400

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