

## Particle Size Conversions

### Screen and Particle Size Dimensions of U.S. Standard Sieves

Mesh Size	Micron	Inches	Millimeters
5	4,000	0.157	4.00
6	3,360	0.132	3.36
7	2,830	0.111	2.83
8	2,380	0.094	2.38
10	2,000	0.079	2.00
12	1,680	0.066	1.68
14	1,410	0.056	1.41
16	1,190	0.047	1.19
18	1,000	0.039	1.00
20	840	0.033	0.84
25	710	0.028	0.71
30	590	0.023	0.59
35	500	0.020	0.50
40	420	0.017	0.42
45	350	0.014	0.35
50	297	0.012	0.30
60	250	0.010	0.25
70	210	0.008	0.21
80	177	0.007	0.177
100	149	0.006	0.149
120	125	0.005	0.125
140	105	0.004	0.105
170	88	0.0035	0.088
200	74	0.0029	0.074
230	62	0.0024	0.062
270	53	0.0021	0.053
325	44	0.0017	0.044
400	37	0.0015	0.037
450	35	0.0014	0.035
500	30	0.0012	0.030
625	20	0.0008	0.020
1,250	10	0.0004	0.010
2,500	5	0.0002	0.005
6,250	2	0.00008	0.002
12,500	1	0.00004	0.001

Shaded Area is Typical Spray Drying Capability Range of Average Particle Size