

Sieve/Mesh Size

USP Descriptive Standard for Sieve #

Sieve # (US Standard)	Mesh Size (Tyler Equiv)	Physical Size
-	2.5 mesh	8.00 mm
-	3 mesh	6.73 mm
3.5	3.5 mesh	5.6 mm
4	4 mesh	4.75 mm
5	5 mesh	4.00 mm
6	6 mesh	3.35 mm
7	7 mesh	2.80 mm
8	8 mesh	2.36 mm
10	9 mesh	2.00 mm
12	10 mesh	1.70 mm
14	12 mesh	1.40 mm
16	14 mesh	1.18 mm
18	16 mesh	1.00 mm
20	20 mesh	850 µm
25	24 mesh	710 µm
30	28 mesh	600 µm
35	32 mesh	500 µm
40	35 mesh	425 µm
45	42 mesh	355 µm
50	48 mesh	300 µm
60	60 mesh	250 µm
70	65 mesh	212 µm
80	80 mesh	180 µm
100	100 mesh	150 µm
120	115 mesh	170 µm
140	150 mesh	106 µm
170	170 mesh	90 µm
200	200 mesh	75 µm
230	250 mesh	63 µm
270	270 mesh	53 µm
325	325 mesh	45 µm
400	400 mesh	38 µm
450	-	32 µm
500	-	25 µm
635	-	20 µm

Term	Sieve #	Physical Size
Very Coarse	2 - 10	>1000
Coarse	20 – 40	355 – 1000
Moderately Coarse	40 – 80	180 – 355
Fine	80 – 120	125 – 180
Very Fine	120 - 200	90 - 125