



Nominal Dimensions of Standard Sieves

Sieve opening micron (0.001mm)	Sieve opening 0.001 inches (mil)	USA standard Mesh No. (ASTM E11) (AASHTO M92)
20	0.8	635
27	1.1	500
32	1.3	450
38	1.5	400
45	1.8	325
53	2.1	270
63	2.5	230
75	3.0	200
90	3.5	170
106	4.2	140
125	4.9	120
150	5.9	100
180	7.1	80
212	8.3	70
250	9.8	60
300	11.8	50
355	14.0	45
425	16.7	40
500	19.7	35
600	23.6	30
710	28.0	25
850	33.5	20
1000	39.4	18
1180	46.5	16
1400	55.1	14
1700	66.9	12
2000	78.7	10
2360	92.9	8
2800	110.2	7
3350	131.9	6
4000	157.5	5
4750	187.0	4
5600	220.5	3-1/2