

Grits

This chart is only a guideline. Consult AFI for more information.

GRIT
MESH USS*
Maximum
INCHES AVERAGE
Minimum
Maximum
MICRONS AVERAGE
Minimum

8
7
0.1300
0.0870
0.0650
3300
2210
1650

10
8
0.1300
0.0730
0.0550
2286
1854
1397

12
10
0.0900
0.0630
0.0450
2286
1600
1143

14
12
0.0750
0.0530
0.0370
1905
1346
940

16
14
0.0650
0.0430
0.0310
1650
1092
787

20
16
0.0530
0.0370
0.0260
1346
940
660

24
20
0.0430
0.0270
0.0180
1092
686
487

30
25
0.0320
0.0220
0.0140
813
559
356

36
30
0.0300

0.0190
0.0120
762
483
305

46
40
0-022
0.0140
0.0095
559
356
241

54
45
0.0195
0.0120
0.0080
495
305
203

60
50
0.0160
0.0100
0.0065
406
254
165

70
60
0.0130
0.0080
0.0050
330
203
127

80
70
0.0115
0.0065
0.0040
292
165
102

90
80
0.0095
0.0057
0.0035
241
145
89

100
100
0.0080
0.0048
0.0025
203
122
63

120
120
0.0065
0.0040
0.0020
165
102
50

150
140
0.0055
0.0035
0.0015
140
89
38

180
170
0.0045
0.0030
0.0010
114
76
25

220
200
0.0040
0.0025
0.0008
102
63
20

240
200
0.0033
0.0020
0.00099
85
50
25

280
**
0.0028

0.00154
0.00075
70
39
9

320
**
0.0024
0.00122
0.00055
60
31
14

400
**
0.0018
0.00087
0.00043
45
22
11

500
**
0.0016
0.00075
0.00039
40
19
10

600
**, ^
0.0014
0.00063
0.00035
35
16
9

700
**, ^
0.0013
0.00055
0.00028
32
14
7

800
**, ^
0.0012
0.00047
0.00020
30
12
5

900
**, ^
0.0009
0.00035
0.00012
23
9
3

1000
**, ^
0.0009
0.00028
0.00008
23
7
2

* USS - United States Standard Sieve screen size

** Abrasives finer than 240 grit cannot be accurately screened.
Grading is accomplished by hydraulic or pneumatic methods.

^ Microfine abrasives are typically only used in wet blast cabinets.