

GRIT SIZE COMPARISON CHART



UNIVERSAL
PHOTONICS
INCORPORATED

ABRASIVES GRIT SIZE COMPARISON

These charts reference grit sizes of most popular grading standards. For special applications, UPI has additional data on file. Contact our APPLICATIONS LAB 516.935.4000, ext. 207.

FEPA P	D(50)
Grit	µm
P12	1815
P16	1324
P20	1000
P24	764
P30	642
P36	538
P40	425
P50	336
P60	269
P80	201
P100	162
P120	125
P150	100
P180	82
P220	68
P240	58.5
P280	52.2
P320	46.2
P360	40.5
P400	35
P500	30.2
P600	25.8
P800	21.8
P1000	18.3
P1200	15.3
P1500	12.6
P2000	10.3
P2500	8.4
P3000	7
P5000	5

FEPA F	D(50)
Grit	µm
F5	4125
F6	3460
F7	2900
F8	2460
F10	2085
F12	1765
F14	1470
F16	1230
F20	1040
F22	885
F24	745
F30	625
F36	525
F40	438
F46	370
F54	310
F60	260
F70	218
F80	185
F90	154
F100	129
F120	109
F150	82
F180	69
F220	58
F230	53
F240	44.5
F280	36.5
F320	29.2
F360	22.8
F400	17.3
F500	12.8
F600	9.3
F800	6.5
F1000	4.5
F1200	3
F1500	1.3

JIS	D(50)
Grit	µm
J100	125
J150	80
J180	70
J220	58
J240	80
J280	68
J320	57
J360	48
J400	40
J500	34
J600	29
J700	24
J800	20
J1000	16
J1200	13
J1500	10
J2000	8
J3000	5
J4000	3
J6000	2
J8000	1.2

ANSI	D(50)
Grit	µm
36	674
46	483
54	407
60	345
70	288
80	233
90	197
100	172
120	139
100	125
150	116
180	93
220	74
240	62
280	59
320	36
360	28
400	22
500	16
600	14
800	8.5
1000	6.33
1200	4.5