

Particle Size Conversion Chart

This chart is designed to compare millimeters, microns and inches to sieve sizes and match them to corresponding FEPA grit sizes.

Millimeters	Microns*	Inches	FEPA Grit
4.75	4750	0.189	F4
4	4000	0.159	F5
3.35	3350	0.133	F6
2.8	2800	0.111	F7
2.36	2360	0.094	F8
2	2000	0.079	F10
1.7	1700	0.068	F12
1.4	1400	0.056	F14
1.18	1180	0.047	F16
1	1000	0.040	F20
0.85	850	0.034	F22
0.71	710	0.028	F24
0.6	600	0.024	F30
0.5	500	0.020	F36
0.425	425	0.017	F40
0.355	355	0.014	F46
0.3	300	0.012	F54
0.25	250	0.010	F60
0.212	212	0.008	F70
0.18	180	0.007	F80
0.15	150	0.006	F90
0.125	125	0.005	F100
0.106	106	0.004	F120
0.075	75	0.0030	F150
0.063	63	0.0025	F180
0.053	53	0.0021	F220

*Micron size is based upon the 40% min sieve.

Microgrits

Millimeters	Microns*	Inches	FEPA Grit
0.053	53	0.00211	F230
0.0445	44.5	0.00177	F240
0.0365	36.5	0.00145	F280
0.0292	29.2	0.00116	F320
0.0228	22.8	0.00091	F360
0.0173	17.3	0.00069	F400
0.0128	12.8	0.00051	F500
0.0093	9.3	0.00037	F600
0.0065	6.5	0.00026	F800
0.0045	4.5	0.00018	F1000
0.003	3	0.00012	F1200
0.002	2	0.00008	F1500
0.0012	1.2	0.00005	F2000

*Micron size is based upon the average of the d50.

