

MARK V LABORATORY

www.markvlab.com

1-800-243-9776 fax: 1-860-653-4087

Grit and Microgrit Grading Conversion Chart

<u>Grit</u>	<u>Mesh</u>	<u>Microns</u>	<u>Inches</u>
	USS**	(Average)	(Average)
4	3.5	5600~4750	0.187 (nom.)
5	4	4750~4000	0.157
6	5	4000~3350	0.132
7	6	3350~2800	0.111
8	7	2210	0.087 (av.)
10	8	1854	0.073
12	10	1600	0.063
14	12	1346	0.053
16	14	1092	0.043
20	16	940	0.037
24	20	686	0.027
30	25	559	0.022
36	30	483	0.030
46	40	356	0.014
54	45	305	0.012
60	50	254	0.010
70	60	203	0.008
80	70	165	0.0065
90	80	145	0.0057
100	100	122	0.0048
120	120	102	0.0040
150	140	89	0.0035
180	170	76	0.0030
220	200	63	0.0025

<u>Micro Grit*</u>	<u>Mesh</u>	<u>Microns</u>	<u>Inches</u>
240	200	50- 53.5	0.00200
280		40.5- 44.0	0.00154
320		32.5- 36.0	0.00122
360		25.8- 28.8	
400		20.6- 23.6	0.00087
500		16.7- 19.7	0.00075
600		13.0- 16.0	0.00063
700			0.00055
800		9.8- 12.3	0.00047
900			0.00035
1000		6.8- 9.3	0.00028
1200		4.5- 6.5	
CF1		48	0.00189
F		40	0.00160
FF		33	0.00130
FFF (Coarse)		25	0.00099
FFF		19	0.00075
FFFF		11	0.00043

Chart Comments:

- On a "best efforts basis", the above conversions are approximate and admit of the usual commercial variations
- *Micro Grit= Abrasive grit sizes in the subsieve size range. Conversion values stated are calculated using ANSI Standard B74.18 (by sedimentation) at the 50% point
- **USS= United States Standard Sieve

conversion grading of grit size to inches mesh and microns conversion grading of microgrit to mesh and microns ANSI sieve grit microgrit abrasive grit abrasive microgrit conversion grading of grit size to inches mesh and microns conversion grading of microgrit to mesh and microns ANSI sieve grit microgrit abrasive grit abrasive microgrit conversion grading of grit size to inches mesh and microns conversion grading of microgrit to mesh and microns ANSI sieve grit microgrit abrasive grit abrasive microgrit