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ANSI Table 2 & FEPA F Specifications

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Grit No.	*Sieve through which 100% must pass	Control *Sieve		Max. of oversize on Control *Sieve (%)	Min. through Control *Sieve and Retained		Cumulative Min. through Control *Sieve and Retained		Max of 3% through *Sieve No.
		No.	Opening (inches)		%	On Sieve No.	%	On Sieve No.	
4	5/16	3.5	0.223	20	40	4	70	4 & 5	6
5	0.266	4	0.187	20	40	5	70	5 & 6	7
6	3.5	5	0.157	20	40	6	70	6 & 7	8
7	4	6	0.132	20	40	7	70	7 & 8	10
8	5	7	0.111	20	45	8	70	8 & 10	12
10	6	8	0.0937	20	45	10	70	10 & 12	14
12	7	10	0.0787	20	45	12	70	12 & 14	16
14	8	12	0.0661	20	45	14	70	14 & 16	18
16	10	14	0.0555	20	45	16	70	16 & 18	20
20	12	16	0.0469	20	45	18	70	18 & 20	25
24	16	20	0.0331	25	45	25	65	25 & 30	35
30	18	25	0.0278	25	45	30	65	30 & 35	40
36	20	30	0.0234	25	45	35	65	35 & 40	45
46	30	40	0.0165	30	40	45	65	45 & 50	60
54	35	45	0.0139	30	40	50	65	50 & 60	70
60	40	50	0.0117	30	40	60	65	60 & 70	80
70	45	60	0.0098	25	40	70	65	70 & 80	100
80	50	70	0.0083	25	40	80	65	80 & 100	120
90	60	80	0.0070	20	40	100	65	100 & 120	140
100	70	100	0.0059	20	40	120	65	120 & 140	200
120	80	120	0.0049	20	40	140	65	140 & 170	230
150	100	140	0.0041	15	40	200	65	200 & 230	325
180	120	170	0.0036	15	40	200 & 230	65	200, 230 & 270	-
220	140	200	0.0029	15	40	230 & 270	60	230, 270 & 325	-
240	170	200	0.0029	5	8	230 & 270	38	230, 270 & 325	-

Table 2: Is the allowable limits for the sizing of abrasive grain for grinding wheel manufacturer and general polishing purposes, as taken from the ANSI B74.12 - 2018 Specifications for Macrogrit abrasive grain sizing.

**Sieves are those from the United States Sieves Series.*