

ANSI Table 3

Allowable Limits for the Sizing of Abrasive Grains for Use in Other General Industrial Uses such as Pressure Blasting

Grit No.	Sieve through which 100% must pass	Control sieve No.	Control sieve Opening Inches	Maximum of over size on control sieve	Minimum through control sieve and retained		Cumulative minimum through control sieve and retained		Maximum of 3% through sieve No. ¹
				Percent	Percent	On sieve No. ¹	Percent	On sieve No. ¹	
16	8	14	0.0555	25	35	16	70	16 and 18	25
20	10	16	0.0469	25	35	18	70	18 and 20	30
24	14	18	0.0394	25	35	20	60	20 and 25	40
30	16	20	0.0331	30	45	30	60	30 and 35	45
36	18	25	0.0278	15	50	35	80	35 and 40	50
46	25	40	0.0165	30	30	45	55	45 and 50	70
54	30	45	0.0139	35	25	50	60	50 and 60	80
60	35	50	0.0117	35	35	60	60	60 and 70	100
70	40	60	0.0098	25	35	70	65	70 and 80	120
80	45	70	0.0083	35	30	80	60	80 and 100	140
90	50	80	0.007	25	35	100	60	100 and 120	170
100	60	100	0.0059	25	30	120	55	120 and 140	230
120	70	120	0.0049	25	20	140	50	140 and 170	270
150	80	140	0.0041	25	30	200	60	200 and 230	325
180	80	170	35	20	30	200 and 230	60	200, 230 and 270	---
220	100	200	0.0029	15	30	230 and 270	50	230, 270 and 325	---
240	120	200	0.0029	10	5	230 and 270	30	230, 270 and 325	---

1) The sieves referred to are those of the United States Sieve Series, described in table 1, which have been in conformance with the AGA Standard Sands.