

PARTICLE SIZE COMPARISON CHART

MEASUREMENTS				FINENESS GAUGES					SIEVES				
MILLIMETERS	MICRONS	INCHES	MILS (.001 IN)	HEGMAN (N.S.)	N.P.I.R.I.	PAINT CLUB	SUN	WEBBER	U.S. SIEVE NO	TYLER EQUIV MESH	BRITISH STANDARD NUMBER	FRENCH STANDARD NUMBER	GERMAN STANDARD MICRON OPENING
0	0	0.00000	0	8	0	10	0	8					
0.0064	6.4	0.00025	0.25	7-1/2									
0.0102	10.2	0.00040	0.40			9							
0.0127	12.7	0.00050	0.50	7	5		2.5	6					
0.0191	19.1	0.00075	0.75	6-1/2									
0.0203	20.3	0.00080	0.80			8							
0.0254	25.4	0.00100	1.00	6	10		5.0	4					
0.0305	30.5	0.00120	1.20			7							
0.0318	31.8	0.00125	1.25	5-1/2									
0.0381	38.1	0.00150	1.50	5			7.5	2	400	400			
0.0400	40.0	0.00157	1.57									17	40
0.0406	40.6	0.00160	1.60			6							
0.0445	44.5	0.00175	1.75	4-1/2					325	325			45
0.0508	50.8	0.00200	2.00	4		5	10.0	0				18	50
0.0533	53.3	0.00210	2.10						270	270	300		
0.0572	57.2	0.00225	2.25	3-1/2									56
0.0610	61.0	0.00240	2.40			4							
0.0635	63.5	0.00250	2.50	3			12.5		230	250	240	19	63
0.0699	69.9	0.00275	2.75	2-2/12									
0.0711	71.1	0.00280	2.80			3							71
0.0737	73.7	0.00290	2.90						200	200	200		
0.0762	76.2	0.00300	3.00	2			15.0						
0.0800	80.0	0.00315	3.15									20	80
0.0813	81.3	0.00320	3.20			2							
0.0826	82.6	0.00325	3.25	1-1/2									
0.0880	88.0	0.00346	3.46	1			17.5		170	170	170		90
0.0914	91.4	0.00360	3.60			1							
0.0953	95.3	0.00375	3.75	1/2									
0.1016	101.6	0.00400	4.00	0			20.0					21	100
0.1050	105.0	0.00413	4.13						140	150	150		
0.1250	125.0	0.00492	4.92						120	115	120	22	125
0.1490	149.0	0.00587	5.87						100	100	100		
0.1600	160.0	0.00630	6.30									23	160
0.1770	177.0	0.00697	6.97						80	80	85		
0.2000	200.0	0.00787	7.87						70			24	200
0.2500	250.0	0.00984	9.84						60	60	60	25	250
0.2970	297.0	0.01169	11.69						50	48	52		
0.3150	315.0	0.01240	12.40									26	315
0.3540	354.0	0.01394	13.94						45	42	44		
0.4000	400.0	0.01575	15.75									27	400
0.4200	420.0	0.01654	16.54						40	35	36		
0.5000	500.0	0.01969	19.69						35	32	30	28	500
0.5950	595.0	0.02343	23.43						30	28	25		
0.6300	630.0	0.02480	24.80									29	630
0.7070	707.0	0.02783	27.83						25	24	22		
0.8000	800.0	0.03150	31.50									30	800
0.8410	841.0	0.03311	33.11						20	20	18		
1.0000	1000.0	0.03937	39.37						18	16	16	31	1000
1.1900	1190.0	0.04685	46.85						16	14	14		
1.2500	1250.0	0.04921	49.21									32	1250
1.4100	1410.0	0.05551	55.51						14	12	12		
1.6800	1680.0	0.06614	66.14						12	10	10	33	1600
2.0000	2000.0	0.07874	78.74						10	9	8	34	2000



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