



WILLIAMS

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Particle Size Conversion Table / Mill Application Chart

US Mesh	Microns	Inches	Millimeters	Term	Williams Mill Types	Reference
0	25400	1	25.4	Crush	Hammer Mill	
1.3	19050	0.75	19			
2	12700	0.5	12.7			
3	6730	0.265	6.73			
4	4760	0.187	4.76	Grind	Impact Dryer Mill	Granular Coal Injection
5	4000	0.157	4			
6	3360	0.132	3.36			
7	2830	0.111	2.83			
8	2380	0.0937	2.38			
10	2000	0.0787	2			
12	1680	0.0661	1.68			
14	1410	0.0555	1.41			
16	1190	0.0469	1.19	Pulverize	Roller Mill	Eye of a needle
18	1000	0.0394	1			Dry Sorbent for CFB
20	841	0.0331	0.841			
25	707	0.028	0.707			
28	700	0.028	0.7			
30	595	0.0232	0.595			
35	500	0.0197	0.5			
40	420	0.0165	0.42			
45	354	0.0138	0.354			
50	297	0.0117	0.297			
60	250	0.0098	0.25			
70	210	0.0083	0.21			
80	177	0.007	0.177			
100	149	0.0059	0.149			Gypsum for Board
120	125	0.0049	0.125			
140	105	0.0041	0.105			
	100	0.00394	0.1			
170	88	0.0035	0.088			Pet Coke for Kiln
200	74	0.0029	0.074			
	70	0.00276	0.07			
230	63	0.0024	0.063			
	55	0.00217	0.055			
270	53	0.0021	0.053			
	50	0.00197	0.5			
325	44	0.0017	0.044			Limestone - Wet Scrubbers
	40	0.00157	0.04			
400	37	0.0015	0.037			Plant Pollen