

(952) 894-8737 (800) 718-8737

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PARTICLE SIZE / MESH CONVERSION CHART

Particle Size		U.S. Std. Sieve		Tensile Bolt Cloth			Market Grade		
Inches	Microns	Std Sieve	Opening In Inches	Mesh TBC	Opening		Mesh MG	Opening	
					Inches	Microns		Inches	Microns
0.1570	4000	5	0.1575				5	0.1590	4039
0.1320	3350	6	0.1319				6	0.1318	3348
0.1110	2820	7	0.1102				7	0.1080	2743
0.0937	2380	8	0.0929				8	0.0964	2449
0.0787	2000	10	0.0787				10	0.0742	1885
0.0730	1854						11	0.0730	1854
0.0661	1680	12	0.0669	14	0.0620	1575	12	0.0603	1532
0.0555	1410	14	0.0551	16	0.0535	1359	14	0.0510	1295
0.0469	1190	16	0.0465	18	0.0466	1184	16	0.0445	1130
0.0410	1041			20	0.0410	1041			
0.0394	1000	18	0.0394	22	0.0380	965	18	0.0386	980
0.0331	841	20	0.0335	24	0.0342	869	20	0.0340	864
0.0310	784			26	0.0310	787			
0.0278	707	25	0.0280	28	0.0282	716	24	0.0277	704
0.0268	681			30	0.0268	681			
0.0248	630			32	0.0248	630			
0.0234	595	30	0.0236	34	0.0229	582			
0.0213	541			36	0.0213	541	30	0.0203	516
0.0197	500	35	0.0197	38	0.0198	503			
0.0185	470			40	0.0185	470			
0.0183	465			42	0.0183	465			
0.0172	437			44	0.0172	437	35	0.0176	447
0.0165	420	40	0.0167	46	0.0162	411			
0.0153	388			48	0.0153	389	40	0.0150	381
0.0145	368			50	0.0145	368			
0.0139	354	45	0.0140	52	0.0137	348			
0.0130	330			54	0.0130	330			
0.0127	323			58	0.0127	323			
0.0122	310			60	0.0122	310			
0.0117	297	50	0.0118	62	0.0116	295			
0.0111	282			64	0.0111	282	50	0.0110	279
0.0106	270			70	0.0106	269			
0.0102	260			72	0.0102	259			

Particle Size		U.S. Std. Sieve		Tensile Bolt Cloth			Market Grade		
Inches	Microns	Std Sieve	Opening In Inches	Mesh TBC	Opening		Mesh MG	Opening	
					Inches	Microns		Inches	Microns
0.0098	250	60	0.0098	74	0.0098	249			
0.0095	241			76	0.0095	241			
0.0091	231			78	0.0091	231	60	0.0092	234
0.0088	224			80	0.0088	224			
0.0083	210	70	0.0083	84	0.0084	213			
0.0079	200			88	0.0079	201			
0.0076	193			90	0.0076	193			
0.0070	177	80	0.0071	94	0.0071	180	80	0.0070	178
0.0065	165			105	0.0065	165			
0.0059	149	100	0.0059	120	0.0058	147	100	0.0055	140
0.0049	125	120	0.0049	145	0.0047	119	120	0.0046	117
0.0041	105	140	0.0042	165	0.0042	107	150	0.0041	104
0.0035	88	170	0.0035	200	0.0034	86	170	0.0035	89
0.0029	74	200	0.0030	230	0.0029	74	200	0.0029	74
0.0025	63	230	0.0025				250	0.0024	61
0.0021	53	270	0.0021	300	0.0022	56	270	0.0021	53
0.0017	44	325	0.0018				325	0.0017	43
0.0015	38	400	0.0015				400	0.0015	38
0.0010	25	500	0.0010				500	0.0010	25
0.0008	20	635	0.0008				635	0.0008	20

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