

U.S. STANDARD SIEVE			TENSILE BOLTING CLOTH				MILL GRADE				MARKET GRADE				CLEAR OPENING					
STD. SIEVE	OPEN INCHES	OPEN µm	MESH TBC	OPENING		WIRE DIA.	% OPEN AEA	MESH MLGD	OPENING		WIRE DIA.	% OPEN AEA	MESH MKGD	OPENING		WIRE DIA.	% OPEN AEA	CLEAR OPEN	WIRE DIA.	% OPEN AREA
				INCHES	MICRONS				INCHES	MICRONS				INCHES	MICRONS					
																		1.0000	.105	81.9%
																		.7500	.063	82.0%
																		.6250	.063	82.5%
																		.5625	.063	81.0%
																		.5000	.047	86.0%
								2	.4460	11328	.0540	79.6%	2	.4370	11100	.0630	76.4%	.4375	.047	79.3%
																		.3750	.047	79.2%
								3	.2923	7424	.0410	76.7%						.3125	.047	68.0%
													3	.2790	7087	.0540	70.1%	.2500	.047	70.9%
3.5	.2205	560						4	.2150	5461	.3500	74.0%	4	.2030	5165	.0470	65.9%			
4	.1870	405											4	.1870	4750	.0630	56.0%	.1875	.041	57.3%
5	.1575	400						5	.1680	4267	.0320	70.6%	5	.1590	4039	.0410	63.2%			
6	.1319	305						6	.1387	3523	.0280	69.6%	6	.1317	3350	.0350	62.7%	.1250	.041	56.7%
7	.1102	280						7	.1149	2918	.0280	64.8%	7	.1080	2743	.0350	57.2%			
8	.0929	206						8	.1000	2540	.0250	64.0%	8	.0970	2468	.0280	60.2%			
								9	.0881	2238	.0230	62.7%								
10	.0787	200						10	.0800	2032	.0200	64.0%	10	.0750	1908	.0250	56.3%			
								11	.0709	1801	.0200	61.0%	11	.0730	1854	.0180	64.5%			
12	.0669	100	14	.0620	1575	.0090	76.4%	12	.0653	1659	.0180	60.8%	12	.0603	1532	.0230	51.8%			
14	.0551	100	16	.0535	1359	.0090	73.3%	14	.0544	1382	.0170	57.2%	14	.0514	1308	.0200	51.0%			
16	.0465	103	18	.0466	1184	.0090	70.2%	16	.0465	1181	.0160	55.4%	16	.0445	1132	.0180	50.7%			
			20	.0410	1041	.0090	67.2%	18	.0406	1031	.0150	53.4%								
18	.0394	100	22	.0380	965	.0075	69.7%						18	.0386	982	.0170	48.3%			
20	.0335	850	24	.0342	869	.0075	67.2%	20	.0360	914	.0140	51.8%	20	.0340	865	.0160	46.2%			
			26	.0310	787	.0075	64.8%	22	.0320	813	.0135	49.6%								
								24	.0287	729	.0130	47.4%								
25	.0280	710	28	.0282	716	.0075	62.4%	26	.0275	699	.0110	51.1%	24	.0277	704	.0140	44.2%			
			30	.0268	681	.0065	64.8%													
			32	.0248	630	.0065	62.7%	28	.0257	653	.0100	51.8%								
			34	.0229	582	.0065	60.7%	30	.0238	605	.0095	51.0%								
30	.0236	600																		
			36	.0213	541	.0065	58.7%	32	.0223	566	.0090	50.9%	30	.0213	542	.0120	41.0%			
			38	.0198	503	.0065	56.7%	34	.0204	518	.0090	48.1%								
35	.0197	500																		
			40	.0185	470	.0065	54.8%	36	.0188	478	.0090	45.8%								
			42	.0183	465	.0055	59.1%	38	.0178	452	.0085	45.8%								
			44	.0172	437	.0055	57.4%						35	.0176	448	.0110	37.9%			
40	.0167	425	46	.0162	411	.0055	55.8%	40	.0165	419	.0085	43.6%								
			48	.0153	389	.0055	54.2%						40	.0150	382	.0100	36.0%			
			50	.0145	368	.0055	52.6%	45	.0142	361	.0080	40.8%								
			52	.0137	348	.0055	51.0%													
45	.0140	355																		
			54	.0130	330	.0055	49.4%													
			58	.0127	323	.0045	54.6%	50	.0125	318	.0075	39.1%								
			60	.0122	310	.0045	53.3%													
			62	.0116	295	.0045	51.7%													
50	.0118	300																		
			64	.0111	282	.0045	50.7%	55	.0112	284	.0070	37.9%	50	.0110	279	.0090	30.3%			
			70	.0106	269	.0037	54.9%													
			72	.0102	259	.0037	53.8%	60	.0102	259	.0065	37.5%								
			74	.0098	249	.0037	52.7%													
60	.0098	250																		
			76	.0095	241	.0037	51.7%													
			78	.0091	231	.0037	50.6%						60	.0092	234	.0075	30.5%			
			80	.0088	224	.0037	49.6%													
			84	.0084	213	.0035	49.8%													
70	.0083	212																		
			88	.0079	201	.0035	47.9%													
			90	.0076	193	.0035	47.8%													
80	.0071	180	94	.0071	180	.0035	45.0%						80	.0070	178	.0055	31.4%			
			105	.0065	165	.0030	46.9%													
100	.0059	150	120	.0058	147	.0025	47.3%						100	.0055	140	.0045	30.3%			
120	.0049	125	145	.0047	119	.0022	46.4%						120	.0047	120	.0036	30.5%			
140	.0042	106	165	.0042	107	.0019	47.1%						150	.0041	104	.0026	37.9%			
170	.0035	90	200	.0034	86	.0016	46.2%						170	.0035	89	.0024	35.4%			
200	.0030	75	230	.0029	74	.0014	46.0%						200	.0029	74	.0021	33.6%			
230	.0025	63											250	.0024	61	.0016	36.0%			
270	.0021	53	300	.0022	56	.0012	42.0%						270	.0021	53	.0016	32.0%			
325	.0018	45											325	.0017	43	.0014	30.5%			
400	.0015	38											400	.0015	38	.0010	36.0%			
500	.0010	25											500	.0010	25	.0010	25.0%			
635	.0008	20											635	.0008	20	.0008	25.0%			