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## Wire mesh size chart pdf

**Wire mesh standard size. Wire mesh size and weight. Wire mesh size chart india pdf. Wire mesh size. Wire mesh size calculation.**

[illegible]

Chemical Composition Data for 7050-T6 Aluminum Alloy Wire												
Alloys (in %)												
Alloy	Si	Fe	Cu	Mn	Mg	Cr	Mi	Al	Zn	Other	Remarks	
1256	0.35	0.43	6.05	—	—	6.01	0.05	—	0.00	Trace	99.5%	
3032	0.25	0.43	6.30	0.35	2.2	0.05-0.25	—	0.35	—	—	Remanufacture	
3094	0.3	0.43	0.1	0.05	0.20	4.5	0.20-0.24	5.20	0.35	—	Remanufacture	
5041	0.40	0.70	0.15	0.35	0.8	0.04-0.35	0.25	0.35	—	—	Remanufacture	

For example, a 36 mesh screen will have 36 openings while a 150 mesh screen will have 150 openings. Since the size of mesh number the smaller the mesh number the smaller the particle that will pass through. Generally US Mesh is measured using screens down to a 325 mesh (325 openings per square inch). Sometimes the mesh size of a product is noted as either a minus (-) or plus (+) mesh size. These signs indicate that the particles are either all smaller than (-) or all larger than (+) the mesh size. For example, a product identified as +100 mesh would contain only particles that passed through a 100 mesh screen. And a +100 grade would contain particles that did not pass through a 100 mesh screen. When a grade of product is noted with a dash or slash indicates that the product has particle contained within the two mesh sizes. For example, a 30/70 or 70/grade would imply have particles that are smaller than 30 mesh and larger than 70 mesh.

Wire				Wire			
Mesh Size	Diameter	Aperture	Weight	Mesh Size	Diameter	Aperture	Weight
/inch	SWG	mm	kgs/m <sup>2</sup>	/inch	SWG	mm	kgs/m <sup>2</sup>
3	1.18	14	2.20	6.27	7.250		
3	1.18	16	1.63	6.84	3.950		
3	1.18	18	1.22	7.25	2.320		
4	1.57	16	1.63	4.72	5.300		
4	1.57	18	1.22	5.13	2.950		
4	1.57	20	0.91	5.44	1.650		
5	1.96	18	1.22	3.86	3.720		
6	1.69	20	0.91	3.32	2.480		
6	1.69	22	0.71	3.52	1.470		
8	3.15	20	0.91	2.26	3.240		
8	3.15	24	0.55	2.62	1.210		
10	3.94	20	0.91	1.63	4.100		
10	3.94	25	0.50	2.04	1.250		
12	4.72	22	0.71	1.41	3.200		
12	4.72	25	0.50	1.62	1.350		
14	5.52	26	0.46	1.36	1.480		
14	5.52	28	0.375	1.44	0.984		
16	6.30	28	0.375	1.21	1.125		
16	6.30	30	0.315	1.27	0.793		
18	7.09	30	0.315	1.10	0.893		
20	7.87	30	0.315	0.96	0.992		
20	7.87	30	0.30	0.97	0.900		
20	7.87	32	0.27	1.00	0.729		
22	8.66	32	0.27	0.880	0.802		
24	9.45	32	0.27	0.780	0.874		
26	10.2	32	0.27	0.707	0.947		
28	11.0	34	0.23	0.677	0.740		
30	11.8	34	0.23	0.616	0.793		
32	12.6	34	0.23	0.563	0.846		
36	14.2	34	0.23	0.475	0.952		
38	15.0	36	0.19	0.480	0.686		
40	15.7	36	0.19	0.445	0.722		
50	19.7	38	0.152	0.356	0.527		
60	23.6	40	0.122	0.300	0.446		
80	31.5	42	0.102	0.216	0.416		
100	39.4	42	0.081	0.173	0.328		
120	39.2	44	0.081	0.130	0.393		
150	59.1	46	0.061	0.108	0.280		
160	63.0	46	0.061	0.097	0.300		
180	70.9	47	0.051	0.090	0.234		
200	78.7	47	0.051	0.076	0.260		
250	98.4	48	0.041	0.061	0.210		
300	118	49	0.031	0.054	0.144		
350	138	49	0.031	0.042	0.157		
400	158	50	0.025	0.0385	0.125		
500	196	50	0.025	0.0258	0.153		

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