

SPECIFICATIONS

Material: stainless steel, brass, copper, nickel, etc.

Wire diameter: 0.02–2 mm

Mesh count: 2.1–635 mesh

Aperture width: 0.02–10.1 mm

Open screening area: 25% – 69.7%



Manufacturing & Test Standard

- + ISO 2194 Industrial Screens – Woven Wire Cloth, Perforated Plate and Electroformed Sheet – Designation and Nominal Sizes of Openings
- + ISO 4782 Metal Wire for Industrial Wire Screens and Woven Wire Cloth
- + ISO 4783-1 Industrial Wire Screens and Woven Wire Cloth – Guide to the Choice of Aperture Size and Wire Diameter Combinations – Part 1: Generalities
- + ISO 4783-2:1989 Industrial Wire Screens and Woven Wire Cloth – Guide to the Choice of Aperture Size and Wire Diameter Combinations – Part 2: Preferred Combinations for Woven Wire Cloth

Fine Mesh

Mesh Count	Wire Diameter	Aperture Width	Open Screening Area	Mass	Aperture Quantities 1 cm ²
No.	mm	mm	%	kg/m ²	
635	0.02	0.02	25	0.127	62500
508	0.025	0.025	25	0.159	40000
450	0.027	0.03	27.7	0.162	31388
400	0.027	0.036	32.7	0.147	24800
363	0.03	0.04	32.7	0.163	20424
325	0.035	0.043	30.4	0.199	16372
314	0.036	0.045	30.9	0.203	15282
265	0.04	0.056	34	0.212	10885
250	0.04	0.063	37.4	0.197	9688
210	0.05	0.071	34.4	0.262	6836
202	0.055	0.071	31.8	0.305	6325
200	0.053	0.074	34	0.281	6200
200	0.05	0.08	37.9	0.244	6200
188	0.055	0.08	35.1	0.285	5478
170	0.055	0.094	39.8	0.258	4480
150	0.071	0.1	34.6	0.366	3488
154	0.065	0.1	36.7	0.325	3676
200	0.03	0.1	61	0.078	6200
150	0.06	0.11	41.9	0.269	3488
130	0.08	0.112	34	0.423	2620
140	0.06	0.12	44.4	0.254	3038
120	0.09	0.12	32.7	0.49	2232
124	0.08	0.125	37.2	0.396	2383
110	0.09	0.14	37.1	0.447	1876
106	0.1	0.14	34	0.529	1742
100	0.11	0.14	31.4	0.615	1550
100	0.1	0.15	36	0.508	1550
100	0.1	0.16	37.9	0.488	1550
91	0.12	0.16	32.7	0.653	1284
80	0.14	0.18	31.6	0.784	992
84	0.1	0.2	44.4	0.42	1094
79	0.12	0.2	39.1	0.572	967
77	0.13	0.2	36.7	0.65	919
46	0.15	0.4	52.9	0.505	328
70	0.1	0.261	52	0.354	760
65	0.1	0.287	54.6	0.331	655
61	0.11	0.306	53.6	0.307	577
56	0.11	0.341	56.8	0.283	486
52	0.12	0.372	56.8	0.374	419
47	0.12	0.421	60.3	0.342	342
42	0.13	0.472	61.2	0.306	273

Coarse Mesh

Mesh Count	Wire Diameter	Aperture Width	Open Screening Area	Mass	Aperture Quantities 1 cm ²
No.	mm	mm	%	kg/m ²	
2.1	2	10.1	69.7	3.95	0.68
3	1.6	6.87	65.8	3.61	1.4
3.6	2	5.06	51.3	6.77	2.01
4	1.2	5.15	65.8	2.71	2.48
4	1.6	4.75	56	4.81	2.48
5	1.2	3.88	58.3	3.38	3.88
5	1.6	3.48	46.9	6.02	3.88
6	0.9	3.33	62	2.28	5.58
6	1.2	3.03	51.3	4.06	5.58
8	0.7	2.48	60.8	1.84	9.92
8	1	2.18	46.9	3.76	9.92
8	1.2	1.98	38.7	5.41	9.92
10	0.4	2.14	71	0.75	15.5
10	0.5	2.04	64.5	1.18	15.5
10	0.6	1.94	58.3	1.69	15.5
12	0.4	1.72	65.8	0.9	22.32
12	0.5	1.62	58.3	1.41	22.32
12	0.65	1.47	48	2.38	22.32
14	0.5	1.31	52.5	1.65	30.38
16	0.4	1.19	56	1.2	39.68
16	0.5	1.09	46.9	1.88	39.68
18	0.4	1.01	51.3	1.35	50.22
18	0.5	0.91	41.7	2.12	50.22
20	0.3	0.97	58.3	0.85	62
20	0.35	0.92	52.5	1.15	62
20	0.4	0.87	46.9	1.5	62
20	0.5	0.77	36.8	2.35	62
24	0.36	0.7	43.5	1.46	89.28
30	0.25	0.6	49.7	0.88	139.5
30	0.3	0.55	41.7	1.27	139.5
35	0.25	0.5	44.4	1.03	189.9
40	0.2	0.44	46.9	0.75	248
40	0.25	0.39	36.8	1.18	248
45	0.25	0.31	31	1.32	313.88
50	0.18	0.33	41.7	0.76	387.5
50	0.2	0.31	36.8	0.94	387.5
50	0.23	0.28	29.9	1.24	387.5
60	0.12	0.3	51.3	0.41	558
60	0.16	0.26	38.7	0.72	558
60	0.18	0.24	33	0.91	558
70	0.12	0.24	44.8	0.48	759.5
80	0.12	0.2	38.7	0.55	992

Woven Filter Cloth

Mesh No.	Wire Diameter mm	Mass kg/m ²	Filter Rating μm
6 × 45	0.10 × 0.60	5.3	400
12 × 64	0.60 × 0.40	4.2	200
14 × 88	0.50 × 0.35	2.1	150
12 × 90	0.45 × 0.30	2.6	135
13 × 100	0.45 × 0.28	2.58	125
14 × 100	0.40 × 0.28	2.5	120
16 × 125	0.35 × 0.22	2	110
22 × 150	0.30 × 0.18	2	100
24 × 110	0.35 × 0.25	2.65	80
25 × 170	0.25 × 0.16	1.45	70
30 × 150	0.23 × 0.18	1.6	65
40 × 200	0.18 × 0.12	1.3	55
50 × 230	0.18 × 0.12	1.23	50
80 × 400	0.12 × 0.07	0.7	35
50 × 250	0.14 × 0.11	0.9	40
20 × 250	0.25 × 0.20	2.8	100
30 × 330	0.25 × 0.16	2.55	80
50 × 400	0.20 × 0.14	2.14	70
50 × 600	0.14 × 0.080	1.3	45
80 × 700	0.11 × 0.076	1.21	25
165 × 800	0.07 × 0.050	0.7	15
165 × 1400	0.07 × 0.040	0.76	10
200 × 1400	0.07 × 0.040	0.8	5
325 × 2300	0.035 × 0.025	0.48	2
400 × 125	0.065 × 0.10	0.7	50
260 × 40	0.15 × 0.25	2.15	65
130 × 35	0.20 × 0.40	3.1	90
152 × 24	0.30 × 0.40	3.6	190
132 × 17	0.30 × 0.45	4.1	240
72 × 15	0.45 × 0.45	4.5	350