

DLC-002 | Mesh to Micron Reference Chart

117-row reference for Mesh / Aperture Designation, Wire Diameter and Aperture in millimetres and microns.

No.	Mesh / Aperture Designation	Wire Diameter (mm)	Aperture (mm)	Aperture (µm)
1	1 in (nom.)	3	25	25,000
2	1 in (nom.)	2	25	25,000
3	20 mm Aperture	2	20	20,000
4	3/4 in (nom.)	2	18.8	18,800
5	5/8 in (nom.)	2	15.8	15,800
6	1/2 in (nom.)	2	12.7	12,700
7	2	2.03	10.67	10,670
8	2	1.63	11.07	11,070
9	3	1.63	6.84	6,840
10	3	1.22	7.25	7,250
11	4	1.63	4.72	4,720
12	4	1.22	5.13	5,130
13	4	0.91	5.44	5,440
14	5	1.22	3.86	3,860
15	5	0.91	4.17	4,170
16	5	0.81	4.27	4,270
17	5	0.71	4.37	4,370
18	6	1.22	3.01	3,010
19	6	0.91	3.32	3,320
20	6	0.81	3.42	3,420
21	6	0.71	3.52	3,520
22	6	0.61	3.62	3,620
23	7	0.71	2.92	2,920
24	7	0.61	3.02	3,020
25	8	0.91	2.27	2,270
26	8	0.81	2.37	2,370
27	8	0.71	2.47	2,470
28	8	0.66	2.52	2,520
29	8	0.61	2.57	2,570
30	8	0.56	2.62	2,620
31	10	0.91	1.63	1,630
32	10	0.81	1.73	1,730
33	10	0.71	1.83	1,830
34	10	0.66	1.88	1,880
35	10	0.61	1.93	1,930
36	10	0.56	1.98	1,980
37	10	0.51	2.03	2,030
38	10	0.46	2.08	2,080
39	11	0.51	1.8	1,800



No.	Mesh / Aperture Designation	Wire Diameter (mm)	Aperture (mm)	Aperture (μm)
40	12	0.81	1.31	1,310
41	12	0.71	1.41	1,410
42	12	0.61	1.51	1,510
43	12	0.56	1.56	1,560
44	12	0.51	1.61	1,610
45	12	0.46	1.66	1,660
46	12	0.42	1.7	1,700
47	14	0.71	1.1	1,100
48	14	0.61	1.2	1,200
49	14	0.56	1.25	1,250
50	14	0.51	1.3	1,300
51	14	0.46	1.35	1,350
52	14	0.44	1.37	1,370
53	14	0.42	1.39	1,390
54	16	0.71	0.88	880
55	16	0.61	0.98	980
56	16	0.56	1.03	1,030
57	16	0.51	1.08	1,080
58	16	0.46	1.13	1,130
59	16	0.42	1.17	1,170
60	16	0.38	1.21	1,210
61	18	0.56	0.85	850
62	18	0.51	0.9	900
63	18	0.46	0.95	950
64	18	0.42	0.99	990
65	18	0.38	1.03	1,030
66	20	0.51	0.76	760
67	20	0.46	0.81	810
68	20	0.42	0.85	850
69	20	0.38	0.89	890
70	20	0.34	0.93	930
71	20	0.31	0.96	960
72	25	0.31	0.71	710
73	30	0.38	0.47	470
74	30	0.34	0.51	510
75	30	0.31	0.54	540
76	30	0.29	0.56	560
77	30	0.274	0.573	573
78	30	0.253	0.594	594



No.	Mesh / Aperture Designation	Wire Diameter (mm)	Aperture (mm)	Aperture (μm)
79	30	0.233	0.614	614
80	30	0.213	0.634	634
81	35	0.213	0.51	510
82	35	0.193	0.53	530
83	35	0.172	0.551	551
84	40	0.253	0.382	382
85	40	0.233	0.402	402
86	40	0.213	0.422	422
87	40	0.193	0.442	442
88	40	0.172	0.463	463
89	50	0.233	0.275	275
90	50	0.213	0.295	295
91	50	0.193	0.315	315
92	50	0.172	0.336	336
93	50	0.152	0.356	356
94	60	0.213	0.21	210
95	60	0.193	0.23	230
96	60	0.172	0.251	251
97	60	0.152	0.271	271
98	70	0.152	0.211	211
99	70	0.121	0.242	242
100	80	0.172	0.146	146
101	80	0.152	0.166	166
102	80	0.142	0.176	176
103	80	0.132	0.185	185
104	80	0.121	0.197	197
105	100	0.111	0.143	143
106	100	0.101	0.153	153
107	120	0.091	0.121	121
108	120	0.081	0.131	131
109	150	0.061	0.108	108
110	180	0.051	0.09	90
111	200	0.051	0.076	76
112	250	0.051	0.051	51
113	250	0.041	0.061	61
114	300	0.041	0.044	44
115	325	0.035	0.043	43
116	400	0.03	0.034	34
117	500	0.025	0.026	26

Reference values reproduced from the PEL-201 dataset. Mesh designation is nominal and is not a fixed one-to-one micron conversion; aperture also depends on wire diameter. Inch labels are nominal designations, not exact inch-to-mm conversions.

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