

One mesh. Three openings.

A mesh count is a wire spacing, not an aperture. Light = mill grade, more open area, shorter life · standard = market grade · heavy trades open area for wear life. **Bold = commonly stocked.** Wire Ø and open area shown for standard duty.

Mesh	Light µm	Standard µm	Heavy µm	Wire Ø mm	Open area %
2	11328	11100	10620	1.600	76%
4	5461	5156	4798	1.194	66%
6	3531	3353	3086	0.889	62%
8	2667	2464	2250	0.711	60%
10	2032	1905	1714	0.635	56%
12	1651	1524	1349	0.584	52%
14	1372	1295	1143	0.508	52%
16	1181	1130	993	0.457	51%
18	1031	980	851	0.432	48%
20	914	864	742	0.406	46%
24	729	704	597	0.356	44%
30	605	541	450	0.305	41%
35	526	447	363	0.279	38%
40	419	381	305	0.254	36%
45	417	361	300	0.203	41%



Wire mesh converter

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MESH 50 – 635

The fine end of the range.

Mesh	Light µm	Standard µm	Heavy µm	Wire Ø mm	Open area %
50	318	279	211	0.229	30%
60	259	234	178	0.190	30%
70	244	198	150	0.165	30%
80	216	178	135	0.140	31%
100	173	140	104	0.114	30%
120	142	117	89	0.094	31%
150	122	104	84	0.066	37%
200	89	74	58	0.053	34%
325	53	43	33	0.036	30%
400	44	38	30	0.025	36%
450	37	32	24	0.024	32%
500	31	25	17	0.026	24%
635	24	20	14	0.020	25%

$$\text{Mesh} = 25.4 \text{ mm} \div (w + d)$$

$$\text{Open area } A_0 = (w \div (w + d))^2 \times 100\%$$

w = opening · **d** = wire diameter. Lighter wire opens the aperture — more open area and flow, shorter life. Heavier wire closes it.

All information provided for reference only. Confirm exact aperture, wire diameter and tolerances per order. GQI screens 20 µm to 25 mm.



Wire mesh
converter

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