

Standard woven wire cloth specifications

Plain or twilled weave

Mesh per lineal inch	Mesh per lineal cm	Aperture micron	Wire diameter		Mass kg/m ²	Open area %
			mm	S.W.G.		
10	4,0	1 740	0,70	22	2,51	51,8
10	4,0	1 630	0,914	20	4,08	40,0
12	4,5	1 670	0,456	26	1,25	62,6
12	4,5	1 550	0,58	24	2,06	55,0
14	5,5	1 220	0,58	24	2,44	46,0
16	6,5	1 130	0,46	26	1,69	50,0
18	7,0	995	0,42	27	1,60	50,0
20	8,0	850	0,42	27	1,80	44,0
24	9,5	750	0,31	30	1,13	51,0
28	11,0	530	0,375	28	1,99	34,5
30	12,0	532	0,31	30	1,44	39,5
36	14,0	420	0,28	32	1,43	38,0
40	16,0	380	0,26	33	1,35	34,0
45	17,5	330	0,23	34	1,23	35,5
50	19,5	300	0,19	36	0,94	39,5
60	23,5	250	0,17	37	0,92	36,0
70	27,5	212	0,15	38	0,86	34,5
80	31,5	180	0,13	39	0,68	35,0
100	39,5	150	0,11	41	0,69	32,0
120	47,0	120	0,09	43	0,52	33,0
140	55,0	98	0,085	44	0,46	29,0
150	59,0	106	0,07	45	0,37	34,5
165	65,0	100	0,055	47	0,38	41,0
180	71,0	90	0,056	47	0,37	36,0
200	78,5	75	0,050	47½	0,34	37,0
250	98,5	60	0,040	48	0,25	37,0
325	128,0	43	0,035	48½	0,24	29,0
400	157,0	38	0,030	49	0,18	28,0
500	197,0	25	0,025	50	0,17	26,0

The finest specifications are usually supplied in a twilled weave at manufacturer's discretion

Hollander weave

Mesh Per inch	Mesh Per cm	Micron retention	Wire diameter
			mm
12/64	4,5/25	250/290	0,60/0,43
12/72	4,5/28	250/275	0,58/0,375
24/110	9,5/43,5	125	0,345/0,254
24/250	9,5/98,5	100	0,193/0,122
165/1100	65/433	20	0,171/0,051
325/2300	128/906	9-11	0,036/0,025

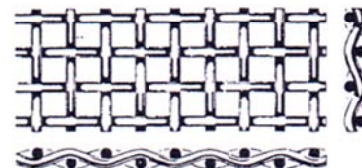
How to specify your requirements

The following information is necessary:

1. **Mesh** – number of openings per linear inch, or size of openings.
2. **Type of weave** – plain, twilled, Hollander (Dutch), etc.
3. **Wire diameter** – in millimetre decimals or in standard wire gauge # (S.W.G.), first warp, then weft (if different).
4. **Material** – stainless steel, bronze, brass, etc.
5. **Dimensions and quantity.**
6. **Intended use of the cloth** – including specific temperatures, corrosive agents, etc.

Samples – If possible, send a sample of the desired wire cloth with your order or enquiry. This will facilitate selecting the cloth for your specific needs. If an actual sample of fabricated parts is not available an accurate dimensional drawing will be helpful to most efficiently fulfil the order placed. Full details of the conditions under which the fabricated parts will be used, as well as the quantity required, should be specified.

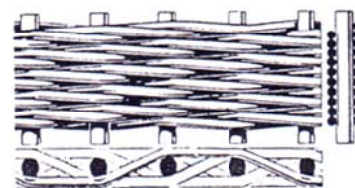
Standard wire types



Plain



Twilled



Dutch or Hollander