

ステンレス金網

平織金網

クリンプ金網	
目の開き	使用線径
6 m/目	#18 #16
8 m/目	#16 #14
9 m/目	#16 #14 #12
10 m/目	#16 #14 #12
12 m/目	#14 #12 #10
15 m/目	#14 #12 #10 #8
18 m/目	#14 #12 #10 #8
20 m/目	#14 #12 #10 #8
25 m/目	#12 #10 #8 #6
30 m/目	#12 #10 #8 #6
35 m/目	#12 #10 #8 #6
38 m/目	#12 #10 #8 #6 #4
50 m/目	#10 #8 #6 #4

メッシュ	線番	使用線径	目の開き	開孔面積比
1時間1辺の目数	SWG	φmm	mm	%
1.5 MESH	#16	1.60mm	15.33mm	82.0%
	#14	2.00mm	14.93mm	77.9%
2 MESH	#16½	1.50mm	11.20mm	77.8%
	#16	1.60mm	11.10mm	76.4%
	#16	2.00mm	10.70mm	71.0%
	#14	2.00mm	10.70mm	71.0%
2.5 MESH	#19	1.00mm	9.16mm	81.3%
	#18	1.20mm	8.96mm	77.8%
	#16	1.60mm	8.56mm	71.0%
	#14	2.00mm	8.16mm	64.5%
3 MESH	#19	1.00mm	7.47mm	77.8%
	#18	1.20mm	7.27mm	73.7%
	#16	1.60mm	6.87mm	65.8%
	#15	1.80mm	6.67mm	62.1%
	#14	2.00mm	6.47mm	58.4%
3.2 MESH	#19	1.00mm	6.94mm	76.4%
		1.10mm	6.84mm	74.3%
		1.50mm	6.44mm	65.8%
	#14	2.00mm	5.94mm	56.0%
3.5 MESH	#18	1.20mm	6.06mm	69.7%
	#16	1.60mm	5.66mm	60.8%
	#14	2.00mm	5.26mm	52.5%
3.85	#16	1.60mm	5.00mm	57.4%
4 MESH	#22	0.70mm	5.65mm	79.2%
	#21	0.80mm	5.55mm	76.4%
	#20	0.90mm	5.45mm	73.7%
	#19	1.00mm	5.35mm	71.0%
	#18	1.20mm	5.15mm	65.8%
	#16½	1.50mm	4.85mm	58.3%
	#16	1.60mm	4.75mm	56.0%
	#15	1.80mm	4.55mm	51.3%
4.2 MESH	#19	1.00mm	4.35mm	46.9%
	#19	1.00mm	5.05mm	69.7%
	#20	0.90mm	4.74mm	70.6%
	#19	1.00mm	4.64mm	67.6%
4.5 MESH	#18	1.20mm	4.44mm	61.9%
	#16	1.60mm	4.04mm	51.2%

開孔面積比計算式

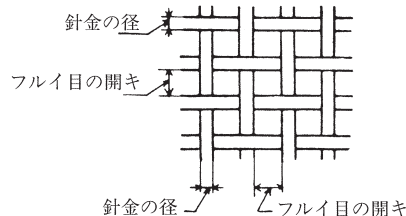
$$\frac{(\text{目の開き})^2}{(\text{使用線径} + \text{目の開き})^2} \times 100$$

メッシュ	線番	使用線径	目の開き	開孔面積比
1時間1辺の目数	SWG	φmm	mm	%
5 MESH	#22	0.70mm	4.38mm	74.3%
	#21	0.80mm	4.28mm	71.0%
	#20	0.90mm	4.18mm	67.7%
	#19	1.00mm	4.08mm	64.5%
		1.08mm	4.00mm	62.0%
	#18½	1.10mm	3.98mm	61.4%
	#18	1.20mm	3.88mm	58.3%
	#16½	1.50mm	3.58mm	49.7%
	#16	1.60mm	3.48mm	46.9%
	#14	2.00mm	3.08mm	36.8%
5.5 MESH	#21	0.80mm	3.82mm	68.4%
	#19	1.00mm	3.62mm	61.4%
	#18	1.20mm	3.42mm	54.8%
	#16½	1.50mm	3.12mm	45.6%
	#16	1.60mm	3.02mm	42.8%
6 MESH	#25	0.50mm	3.73mm	77.6%
	#23	0.60mm	3.63mm	73.5%
	#22	0.70mm	3.53mm	69.5%
	#21	0.80mm	3.43mm	65.6%
	#20	0.90mm	3.33mm	61.9%
	#19	1.00mm	3.23mm	58.2%
	#18½	1.10mm	3.13mm	54.7%
	#18	1.20mm	3.03mm	51.2%
	#16½	1.50mm	2.73mm	41.6%
	#16	1.60mm	2.63mm	38.6%
6.5 MESH	#22	0.70mm	3.21mm	67.5%
	#21	0.80mm	3.11mm	63.3%
	#20	0.90mm	3.01mm	59.3%
	#19	1.00mm	2.91mm	55.5%
	#18½	1.10mm	2.81mm	51.7%
7 MESH	#18	1.20mm	2.71mm	48.1%
	#23	0.60mm	3.03mm	69.7%
	#22	0.70mm	2.93mm	65.2%
	#21	0.80mm	2.83mm	60.8%
	#20	0.90mm	2.73mm	56.6%
7.5 MESH	#19	1.00mm	2.63mm	52.5%
	#18½	1.10mm	2.53mm	48.6%
	#18	1.20mm	2.43mm	44.8%
8 MESH	#22	0.70mm	2.69mm	63.1%
	#21	0.80mm	2.59mm	58.5%
	#19	1.00mm	2.39mm	49.8%
	#26	0.45mm	2.73mm	73.9%
	#25	0.50mm	2.68mm	71.2%
	#24	0.55mm	2.63mm	68.6%
	#23	0.60mm	2.58mm	66.0%
	#22	0.70mm	2.48mm	61.0%
	#21	0.80mm	2.38mm	56.2%
	#20	0.90mm	2.28mm	51.6%
8.4	#19	1.00mm	2.18mm	47.1%
	#18½	1.10mm	2.08mm	42.9%
	#18	1.20mm	1.98mm	38.9%
9 MESH	#23	0.60mm	2.22mm	61.9%
	#21	0.80mm	2.02mm	51.2%
	#20	0.90mm	1.92mm	46.3%
	#19	1.00mm	1.82mm	41.6%

(クリンプ織)



(平織)



ステンレス金網

メッシュ	線番	使用線径	目の開き	開孔面積比
1時間1辺の目数	SWG	φmm	mm (μm)	%
10 MESH	#27	0.40mm	2.14mm	71.0%
	#26	0.45mm	2.09mm	67.7%
	#25	0.50mm	2.04mm	64.5%
	#24	0.55mm	1.99mm	61.4%
	#23	0.60mm	1.94mm	58.3%
	#22	0.70mm	1.84mm	52.5%
	#21	0.80mm	1.74mm	46.9%
	#20	0.90mm	1.64mm	41.7%
	#19	1.00mm	1.54mm	36.8%
	#18½	1.10mm	1.44mm	32.1%
	#18	1.20mm	1.34mm	27.8%
10.5	#21½	0.74mm	1.68mm	48.2%
11 MESH	#25	0.50mm	1.81mm	60.8%
	#23	0.60mm	1.71mm	54.8%
12 MESH	#28B	0.35mm	1.77mm	69.9%
	#28	0.37mm	1.75mm	68.1%
	#27	0.40mm	1.72mm	66.0%
	#26	0.45mm	1.67mm	62.2%
	#25	0.50mm	1.62mm	58.6%
	#24	0.55mm	1.57mm	55.5%
	#23	0.60mm	1.52mm	51.6%
	#22½	0.65mm	1.47mm	48.2%
	#22	0.70mm	1.42mm	44.9%
	#21	0.80mm	1.32mm	38.9%
	#20	0.90mm	1.22mm	33.2%
	#19	1.00mm	1.12mm	28.0%
14 MESH	#28B	0.35mm	1.46mm	64.8%
	#27	0.40mm	1.41mm	60.4%
	#26	0.45mm	1.36mm	56.2%
	#25	0.50mm	1.31mm	52.1%
	#24	0.55mm	1.26mm	48.2%
	#23	0.60mm	1.21mm	44.5%
	#23B	0.63mm	1.18mm	42.3%
	#22	0.70mm	1.11mm	37.4%
	#21	0.80mm	1.01mm	31.0%
15	#25	0.50mm	1.19mm	49.4%
16 MESH	#35½	0.20mm	1.39mm	76.7%
	#34	0.23mm	1.36mm	73.4%
	#33	0.25mm	1.34mm	71.2%
	#32½	0.26mm	1.33mm	70.2%
	#30B	0.30mm	1.29mm	66.0%
	#29	0.33mm	1.26mm	63.0%
	#28B	0.35mm	1.24mm	61.0%
	#27	0.40mm	1.19mm	56.2%
	#26	0.45mm	1.14mm	51.6%
	#25	0.50mm	1.09mm	47.1%
	#24	0.55mm	1.04mm	42.9%
	#23	0.60mm	988μm	39.5%
	#22	0.70mm	888μm	31.3%
	#21	0.80mm	788μm	24.6%
18 MESH	#35½	0.20mm	1.21mm	73.5%
	#34	0.23mm	1.18mm	69.9%
	#33	0.25mm	1.16mm	67.6%
	#32½	0.26mm	1.15mm	66.4%

メッシュ	線番	使用線径	目の開き	開孔面積比
1時間1辺の目数	SWG	φmm	mm (μm)	%
18 MESH	#32	0.27mm	1.14mm	65.3%
	#30B	0.30mm	1.11mm	61.9%
	#29	0.33mm	1.08mm	58.7%
	#28B	0.35mm	1.06mm	56.4%
	#28	0.37mm	1.04mm	54.3%
	#27	0.40mm	1.01mm	51.2%
	#26	0.45mm	961μm	46.3%
	#25	0.50mm	911μm	41.6%
	#24	0.55mm	861μm	37.1%
	#23	0.60mm	811μm	33.0%
20 MESH	#35	0.21mm	1.06mm	69.7%
	#34	0.23mm	1.04mm	67.1%
	#33	0.25mm	1.02mm	64.5%
	#32	0.27mm	1.00mm	62.0%
	#31	0.29mm	980μm	59.0%
	#30B	0.30mm	970μm	58.3%
	#29	0.33mm	940μm	54.8%
	#28B	0.35mm	920μm	52.5%
	#27	0.40mm	870μm	46.9%
	#26½	0.43mm	840μm	43.7%
	#26	0.45mm	820μm	41.7%
		0.47mm	800μm	39.7%
	#25	0.50mm	770μm	36.8%
	#24	0.55mm	720μm	32.1%
22 MESH	#30B	0.30mm	855μm	54.8%
	#26	0.45mm	705μm	37.3%
24 MESH	#35	0.21mm	848μm	64.2%
	#34	0.23mm	828μm	61.2%
	#33	0.25mm	808μm	58.3%
	#32	0.27mm	788μm	55.4%
	#30B	0.30mm	758μm	51.3%
	#29	0.33mm	728μm	47.3%
	#28B	0.35mm	708μm	44.8%
	#27	0.40mm	658μm	38.7%
	#26	0.45mm	608μm	33.0%
25	#30B	0.30mm	716μm	49.7%
26	#27	0.40mm	577μm	34.9%
28 MESH	#30B	0.30mm	607μm	44.8%
	#29½	0.32mm	587μm	41.9%
30 MESH	#38½	0.14mm	707μm	69.7%
	#36	0.19mm	657μm	60.2%
	#35	0.21mm	637μm	56.6%
	#34	0.23mm	617μm	53.1%
	#33	0.25mm	597μm	49.7%
	#32	0.27mm	577μm	46.4%
	#31	0.29mm	557μm	43.3%
	#30B	綾・平0.30mm	547μm	41.7%
	#29	0.33mm	517μm	37.3%
		0.34mm	507μm	35.8%
	#28B	0.35mm	497μm	34.4%
	#27	0.40mm	447μm	27.9%
32 MESH	#38	0.15mm	644μm	65.8%
	#36	0.19mm	604μm	57.9%
	#35	0.21mm	584μm	54.1%
	#34	0.23mm	564μm	50.6%

ステンレスコンベヤー金網
 ステンレスたたみ織金網
 ステンレストンキャップ織金網
 ステンレスタイロット織金網
 ステンレスデミスター
 その他特殊金網全般

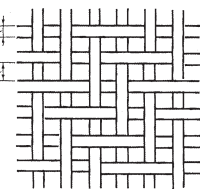
制作

(綾織)



針金の径

ふるい目の開き



針金の径

ふるい目の開き

ステンレス金網

メッシュ	線番	使用線径	目の開き	開孔面積比
1時間1辺の目数	SWG	φmm	μm	%
32 MESH	#33	0.25mm	544μm	46.9%
	#32	0.27mm	524μm	43.6%
	#31	0.29mm	504μm	40.3%
	#30B	0.30mm	494μm	38.7%
	#28B	0.35mm	444μm	31.3%
	#28	0.37mm	424μm	28.5%
35 MESH	#35	0.21mm	516μm	50.5%
	#34	0.23mm	496μm	46.7%
	#33	0.25mm	476μm	43.1%
	#32	0.27mm	456μm	39.5%
	#30B	0.30mm	426μm	34.4%
	#28B	0.35mm	376μm	26.8%
36 MESH	#31½	0.28mm	426μm	36.4%
	#31	0.29mm	416μm	34.7%
40 MESH	#40	0.12mm	515μm	65.8%
	#38	0.15mm	485μm	58.3%
	#37	0.17mm	465μm	53.6%
	#36½	0.18mm	455μm	51.3%
	#36	0.19mm	445μm	49.1%
	#35	0.21mm	425μm	44.8%
		0.22mm	415μm	42.7%
	#34	0.23mm	405μm	40.7%
	#33	0.25mm	385μm	36.8%
	#32	0.27mm	365μm	33.0%
	#31	0.29mm	345μm	29.5%
	#30B	綾・平0.30mm	335μm	27.8%
42 MESH	#35	0.21mm	395μm	42.6%
	#33	0.25mm	355μm	34.4%
	#32½	0.26mm	345μm	32.5%
45 MESH	#37	0.17mm	394μm	48.8%
	#35	0.21mm	354μm	39.4%
	#34	0.23mm	334μm	35.1%
	#33	0.25mm	314μm	31.0%
	#32	0.27mm	294μm	27.2%
	#29	綾0.33mm	234μm	17.2%
48	#34	0.23mm	299μm	31.9%
50 MESH	#42	0.10mm	408μm	64.5%
	#40	0.12mm	388μm	58.3%
	#38	0.15mm	358μm	49.7%
	#37	0.17mm	338μm	44.3%
	#36½	0.18mm	328μm	41.7%
	#36	0.19mm	318μm	39.2%
	#35	0.21mm	298μm	34.4%
	#34	0.23mm	278μm	29.9%
	#33	綾0.25mm	258μm	25.8%
	#32	綾0.27mm	238μm	21.9%
55 MESH	#38	0.15mm	312μm	45.6%
	#36	0.19mm	272μm	34.6%
	#35	0.21mm	252μm	29.8%
60 MESH	#44	0.08mm	343μm	65.8%
	#42	0.10mm	323μm	58.3%
	#41	0.11mm	313μm	54.8%
	#40	0.12mm	303μm	51.3%
	#38½	0.14mm	283μm	44.8%
	#38	0.15mm	273μm	41.7%
	#37½	0.16mm	263μm	38.7%

メッシュ	線番	使用線径	目の開き	開孔面積比
1時間1辺の目数	SWG	φmm	μm	%
60 MESH	#37	0.17mm	253μm	35.8%
		0.173mm	250μm	35.0%
	#36½	0.18mm	243μm	33.0%
	#36	0.19mm	233μm	30.4%
	#35	0.21mm	213μm	25.4%
	#33	綾0.25mm	173μm	16.8%
65 MESH	#38	0.15mm	241μm	38.0%
70 MESH	#42	0.10mm	263μm	52.5%
	#40	0.12mm	243μm	44.8%
	#38	0.15mm	213μm	34.4%
	#36	綾0.19mm	173μm	22.7%
75	#40	0.12mm	219μm	41.7%
80 MESH	#42	0.10mm	218μm	46.9%
	#40	0.12mm	198μm	38.7%
	#38½	0.14mm	178μm	31.3%
	#36½	綾0.18mm	138μm	18.3%
83		0.125mm	181μm	35.0%
90 MESH	#42	0.10mm	182μm	41.7%
	#40	0.12mm	162μm	33.0%
	#39	0.13mm	152μm	29.1%
	#38	綾0.15mm	132μm	21.9%
100 MESH	#50	0.025mm	229μm	64.5%
	#47	0.05mm	204μm	64.6%
	#42	0.10mm	154μm	36.8%
	#41½	0.104mm	150μm	34.9%
		0.105mm	149μm	34.4%
	#41	0.11mm	144μm	32.1%
	#40½	0.114mm	140μm	30.4%
	#40	綾0.12mm	134μm	27.8%
110	#43	0.09mm	141μm	37.2%
	#40	綾0.12mm	111μm	23.1%
120 MESH	#44	0.08mm	132μm	38.7%
		0.088mm	124μm	34.1%
	#43	0.09mm	122μm	33.0%
	#42	綾0.10mm	112μm	27.8%
130	#44	0.08mm	115μm	34.9%
140 MESH	#45	0.07mm	111μm	37.7%
	#44½	0.075mm	106μm	34.4%
150 MESH	#46	0.06mm	109μm	41.7%
	#45½	0.065mm	104μm	38.0%
	#45	0.07mm	99μm	34.4%
	#44	綾0.08mm	89μm	27.8%
165	#47½	0.045mm	109μm	50.1%
	#47	0.05mm	104μm	45.6%
166		0.063mm	90μm	34.6%
180 MESH	#47	0.05mm	91μm	41.7%
	#46½	0.053mm	88μm	39.0%

ステンレス金網

メッシュ	線番	使用線径	目の開き	開孔面積比
1時間1辺の目数	SWG	φmm	μm	%
200 MESH	#48	0.04mm	87μm	46.9%
	#47½	0.045mm	82μm	41.7%
	#47	綾・平0.05mm	77μm	36.8%
	#46½	0.052mm	75μm	34.9%
	#46	0.053mm	74μm	34.0%
		綾0.058mm	69μm	29.5%
220	#47	綾0.05mm	65μm	32.1%
230		綾0.036mm	75μm	45.7%
235	#47½	0.045mm	63μm	34.0%
250 MESH	#49	0.03mm	72μm	49.7%
	#48	0.039mm	63μm	38.0%
	#48	綾・平0.04mm	62μm	36.8%
270	#48	綾0.04mm	54μm	33.0%
280		綾0.038mm	53μm	33.8%
282		綾0.037mm	53μm	34.7%
285		0.036mm	53μm	35.5%
300 MESH	#49	0.03mm	55μm	41.8%
	#48	綾0.04mm	45μm	27.8%
325 MESH	#49½	0.028mm	50μm	41.2%
	#48½	綾0.034mm	44μm	31.9%
		綾0.035mm	43μm	30.5%
330		綾0.024mm	53μm	47.4%
350	#49½	綾0.028mm	45μm	37.7%
	#49	綾0.03mm	43μm	34.4%
390		綾0.027mm	38μm	34.3%
400 MESH		0.018mm	46μm	51.0%
	#50½	0.023mm	41μm	40.7%
	#49½	綾0.028mm	36μm	31.3%
	#49	綾0.03mm	34μm	27.8%
500 MESH		0.018mm	33μm	41.7%
	#50	綾0.025mm	26μm	25.8%
635		綾0.02mm	20μm	25.0%
795		綾0.016mm	16μm	25.0%

綾＝綾織 平＝平織

ステンレス金網

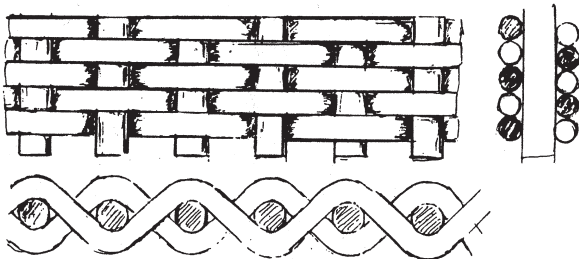
平たたみ織金網 Plain Dutch Weave		
メッシュ		通過粒球子参考値
	縦 × 横	μm
50 MESH	10 × 50	360
64 MESH	12 × 64	300
80 MESH	14 × 80	250
90 MESH	15 × 90	200
100 MESH	16 × 100	200
110 MESH	22 × 110	160
	24 × 110	155
120 MESH	24 × 120	150
136 MESH	32 × 136	122
150 MESH	30 × 150	125
160 MESH	30 × 160	110
180 MESH	42 × 180	85
200 MESH	24 × 200	88
	40 × 200	90
250 MESH	50 × 250	78
300 MESH	50 × 300	68
500 MESH	80 × 500	36

綾逆たたみ織金網 Twilled Reverse Dutch Weave		
メッシュ		通過粒球子参考値
	縦 × 横	μm
400 MESH	400 × 125	50

綾たたみ織金網 Twilled Dutch Weave		
メッシュ		通過粒球子参考値
	縦 × 横	μm
150 MESH	20 × 150	138
200 MESH	20 × 200	115
250 MESH	20 × 250	87
	30 × 250	85
300 MESH	30 × 300	77
360 MESH	32 × 360	55
400 MESH	40 × 400	58
500 MESH	50 × 500	46
600 MESH	60 × 600	38
	80 × 600	35
700 MESH	80 × 700	32
800 MESH	100 × 800	22
	165 × 800	25
1000 MESH	120 × 1000	20
1200 MESH	150 × 1200	16
1400 MESH	165 × 1400	15
	200 × 1400	14
1480 MESH	165 × 1480	13
1550 MESH	165 × 1550	13
1600 MESH	250 × 1600	13
2000 MESH	200 × 2000	12
2300 MESH	325 × 2300	5.0
2600 MESH	350 × 2600	4.9
3000 MESH	400 × 3000	4.5
3600 MESH	510 × 3500	4.0

(たたみ織の開き目寸法には正確さに問題がありますので参考値を表示してあります。)

(平たたみ織)



(綾たたみ織)

