

Specifications of plain weave or twill weave stainless steel wire mesh.

Weave Type	Mesh Count	Wire Dia. (inch)	Width of Opening (inch)	Open Area (%)	Weigh Per 100 sq' based on 304ss	Opening (Micron)
Plain	2 x 2	0.08	0.42	70.6	83	10687
Plain	2 x 2	0.063	0.437	76.4	51.7	11119
Plain	2 x 2	0.054	0.446	79.6	37.6	11348
Plain	3 x 3	0.08	0.253	57.6	126.4	6438
Plain	3 x 3	0.072	0.261	61.3	101.9	6641
Plain	3 x 3	0.063	0.27	65.6	77.6	6870
Plain	3 x 3	0.054	0.279	70.1	57.3	7099
Plain	3 x 3	0.047	0.286	73.6	42.8	7277
Plain	3 x 3	0.041	0.2923	76.7	32.5	7438
Plain	4 x 4	0.12	0.13	27	392.5	3308
Plain	4 x 4	0.105	0.145	33.6	309.3	3690
Plain	4 x 4	0.092	0.158	39.9	233.3	4020
Plain	4 x 4	0.08	0.17	46.2	173.8	4326
Plain	4 x 4	0.072	0.0178	50.7	139.6	453
Plain	4 x 4	0.063	0.187	56	105.8	4758
Plain	4 x 4	0.054	0.196	61.5	77.2	4987
Plain	4 x 4	0.047	0.203	65.9	58.2	5165
Plain	4 x 4	0.041	0.209	69.9	44	5318
Plain	4 x 4	0.035	0.215	74	32	5471
Plain	4 x 4	0.032	0.218	76	26.7	5547
Plain	4 x 4	0.028	0.222	78.9	20.4	5649
Plain	4 x 4	0.025	0.225	81	16.3	5725
Plain	5 x 5	0.063	0.137	46.9	134.5	3486
Plain	5 x 5	0.054	0.146	53.3	97.7	3715
Plain	5 x 5	0.047	0.153	58.5	73.3	3893
Plain	5 x 5	0.041	0.159	63.2	55.4	4046
Plain	5 x 5	0.035	0.165	68.1	40.2	4198
Plain	5 x 5	0.032	0.168	70.6	33.5	4275
Plain	6 x 6	0.063	0.104	38.9	164.6	2646
Plain	6 x 6	0.054	0.113	46	118.9	2875

Plain	6 x 6	0.047	0.12	51.8	89.1	3053
Plain	6 x 6	0.041	0.126	57.2	67.2	3206
Plain	6 x 6	0.035	0.132	62.7	48.6	3359
Plain	6 x 6	0.032	0.135	65.6	20.7	3435
Plain	6 x 6	0.028	0.139	69.6	30.8	3537
Plain	7 x 7	0.035	0.108	57.2	57.1	2748
Plain	7 x 7	0.032	0.111	60.4	47.5	2824
Plain	7 x 7	0.028	0.115	64.8	36.2	2926
Plain	8 X 8	0.063	0.062	24.6	218.5	1578
Plain	8 X 8	0.054	0.071	32.3	164.3	1807
Plain	8 X 8	0.047	0.078	38.9	122.1	1985
Plain	8 X 8	0.041	0.084	45.2	91.5	2137
Plain	8 X 8	0.035	0.09	51.8	65.1	2290
Plain	8 X 8	0.032	0.093	55.4	54.6	2366
Plain	8 X 8	0.028	0.097	60.2	47.1	2468
Plain	8 X 8	0.025	0.1	64	32.9	2545
Plain	9 X 9	0.041	0.07	39.7	104.2	1781
Plain	9 X 9	0.035	0.076	46.8	74.7	1934
Plain	9 X 9	0.032	0.079	50.6	62	2010
Plain	9 X 9	0.028	0.083	55.8	47.1	2112
Plain	9 X 9	0.025	0.086	59.9	37.3	2188
Plain	9 X 9	0.023	0.088	62.7	31.4	2239
Plain	10 x 10	0.047	0.053	28.1	149.9	1349
Plain	10 x 10	0.041	0.059	34.8	117.5	1501
Plain	10 x 10	0.035	0.065	42.3	83.9	1654
Plain	10 x 10	0.032	0.068	46.2	69.5	1730
Plain	10 x 10	0.028	0.072	51.8	52.6	1832
Plain	10 x 10	0.025	0.075	56.3	41.6	1908
Plain	10 x 10	0.023	0.077	59.3	35.1	1959
Plain	10 x 10	0.02	0.08	64	26.4	2036
Plain	11 x 11	0.032	0.059	42.1	77.2	1501
Plain	11 x 11	0.028	0.063	48	58.4	1603

Plain	11 x 11	0.025	0.066	52.7	46.1	1679
Plain	11 x 11	0.023	0.068	56	38.8	1730
Plain	11 x 11	0.02	0.071	61	29.1	1807
Plain	11 x 11	0.018	0.073	64.5	23.5	1857
Plain	12 x 12	0.032	0.051	37.5	85.1	1298
Plain	12 x 12	0.028	0.055	43.6	64.1	1399
Plain	12 x 12	0.025	0.058	48.4	50.6	1476
Plain	12 x 12	0.023	0.06	51.8	42.6	1527
Plain	12 x 12	0.02	0.063	57.2	31.9	1603
Plain	12 x 12	0.018	0.065	60.8	25.8	1654
Plain	14 x 14	0.028	0.043	36.2	76.3	1094
Plain	14 x 14	0.025	0.046	41.5	59.9	1170
Plain	14 x 14	0.023	0.048	45.2	50.3	1221
Plain	14 x 14	0.02	0.051	51	37.6	1298
Plain	14 x 14	0.018	0.053	55.1	37.6	1349
Plain	14 x 14	0.017	0.054	57.2	26.9	1374
Plain	14 x 14	0.009	0.062	76.4	9	1578
Plain	16 x 16	0.028	0.0345	30.5	84.4	878
Plain	16 x 16	0.025	0.0375	36	69.6	954
Plain	16 x 16	0.023	0.0395	39.9	58.3	1005
Plain	16 x 16	0.02	0.0425	46.2	43.4	1081
Plain	16 x 16	0.018	0.0445	50.7	34.8	1132
Plain	16 x 16	0.016	0.0465	55.4	27.4	1183
Plain	16 x 16	0.009	0.0535	73.3	8.6	1361
Plain	18 x 18	0.025	0.0306	30.3	75.8	779
Plain	18 x 18	0.023	0.0326	34.4	66.7	830
Plain	18 x 18	0.02	0.0356	41.1	49.5	906
Plain	18 x 18	0.018	0.0376	45.8	39.6	957
Plain	18 x 18	0.017	0.0386	48.3	35.1	982
Plain	18 x 18	0.016	0.0396	50.8	31	1008
Plain	18 x 18	0.015	0.0406	53.4	27.1	1033
Plain	18 x 18	0.014	0.0416	56.1	23.5	1059

Plain	18 x 18	0.0135	0.0421	57.4	21.8	1071
Plain	18 x 18	0.009	0.0466	70.2	9.6	1186
Plain	20 x 20	0.028	0.022	19.4	110.4	560
Plain	20 x 20	0.025	0.025	25	85.9	636
Plain	20 x 20	0.023	0.027	29.2	71.5	687
Plain	20 x 20	0.02	0.03	36	55.8	763
Plain	20 x 20	0.018	0.032	41	44.5	814
Plain	20 x 20	0.017	0.033	43.6	39.5	840
Plain	20 x 20	0.016	0.034	46.2	34.7	865
Plain	20 x 20	0.015	0.035	49	30.4	891
Plain	20 x 20	0.014	0.036	51.8	26.4	916
Plain	20 x 20	0.013	0.037	54.8	22.6	941
Plain	20 x 20	0.009	0.041	67.2	10.6	1043
Plain	22 x 22	0.016	0.0295	42.1	38.6	751
Plain	22 x 22	0.015	0.0305	45	33.7	776
Plain	22 x 22	0.0135	0.0315	48	27.1	802
Plain	22 x 22	0.0075	0.038	69.7	8.2	967
Plain	24 x 24	0.017	0.0247	35.1	48.5	628
Plain	24 x 24	0.016	0.0257	38	42.5	654
Plain	24 x 24	0.015	0.0267	41.1	37.1	679
Plain	24 x 24	0.014	0.0277	44.2	32.1	705
Plain	24 x 24	0.013	0.0287	47.4	27.5	730
Plain	24 x 24	0.012	0.0297	50.8	23.2	756
Plain	24 x 24	0.011	0.0307	54.3	19.4	781
Plain	24 x 24	0.01	0.0317	57.9	16	807
Plain	24 x 24	0.0075	0.0342	67.2	8.9	870
Plain	26 x 26	0.013	0.0255	44	30	649
Plain	26 x 26	0.012	0.0265	47.5	25.4	674
Plain	26 x 26	0.011	0.0275	51.1	21.1	700
Plain	26 x 26	0.01	0.0285	54.9	17.4	725
Plain	26 x 26	0.0095	0.0295	56.9	15.7	751
Plain	26 x 26	0.0075	0.031	64.8	9.5	789

Plain	28 x 28	0.0135	0.0222	38.6	35.2	565
Plain	28 x 28	0.013	0.0227	40.4	32.5	578
Plain	28 x 28	0.012	0.0237	44	27.5	603
Plain	28 x 28	0.011	0.0247	47.8	22.9	628
Plain	28 x 28	0.01	0.0257	51.8	18.8	654
Plain	28 x 28	0.0095	0.0262	53.8	16.9	667
Plain	28 x 28	0.009	0.0267	55.9	15.2	679
Plain	28 x 28	0.0075	0.0282	62.4	10.4	718
Twill	30 x 30	0.017	0.0163	23.9	69.8	415
Twill	30 x 30	0.016	0.0173	26.9	62.4	440
Twill	30 x 30	0.015	0.0183	30.1	47.9	466
Twill	30 x 30	0.014	0.0193	33.5	41.2	491
Plain	30 x 30	0.0135	0.0198	35.3	38.2	504
Plain	30 x 30	0.013	0.0203	37.1	35.1	517
Plain	30 x 30	0.012	0.0213	40.8	29.7	542
Plain	30 x 30	0.011	0.0223	44.8	24.7	567
Plain	30 x 30	0.01	0.0233	48.9	20.2	593
Plain	30 x 30	0.0095	0.0238	51	18.2	606
Plain	30 x 30	0.009	0.0243	53.1	16.3	618
Plain	30 x 30	0.0085	0.0248	55.4	14.4	631
Plain	30 x 30	0.0065	0.0268	64.8	8.4	682
Plain	32 x 32	0.016	0.0153	24	56.6	389
Plain	32 x 32	0.015	0.0163	27.2	49.1	415
Plain	32 x 32	0.014	0.0173	30.6	44.4	440
Plain	32 x 32	0.0135	0.0178	32.4	41.1	453
Plain	32 x 32	0.013	0.0183	34.3	37.9	466
Plain	32 x 32	0.012	0.0193	38.1	31.9	491
Plain	32 x 32	0.011	0.0203	42.2	26.6	517
Plain	32 x 32	0.01	0.0213	46.5	21.7	542
Plain	32 x 32	0.0095	0.0218	48.7	19.5	555
Plain	32 x 32	0.009	0.0223	50.9	17.5	567
Plain	32 x 32	0.0085	0.0228	53.2	15.5	580

Plain	32 x 32	0.0008	0.0233	55.6	13.6	593
Plain	32 x 32	0.0065	0.0248	62.7	9	631
Plain	34 x 34	0.009	0.0204	48.1	20.37	519
Plain	34 x 34	0.0065	0.0229	60.7	9.6	583
Plain	35 x 35	0.013	0.0156	29.8	42	397
Plain	35 x 35	0.012	0.0166	33.8	35.4	422
Plain	35 x 35	0.011	0.0176	37.9	29.3	448
Plain	35 x 35	0.01	0.0186	42.4	23.9	473
Plain	36 x 36	0.0065	0.0213	58.7	10.2	542
Plain	36 x 36	0.009	0.0188	45.8	21.63	478
Plain	38 x 38	0.011	0.0153	33.8	32.2	389
Plain	38 x 38	0.01	0.0163	38.4	26.3	415
Plain	38 x 38	0.0095	0.0168	40.8	23.5	427
Plain	38 x 38	0.009	0.0173	43.2	21	440
Plain	38 x 38	0.0085	0.0178	45.8	20.4	453
Plain	38 x 38	0.008	0.0183	48.4	18	466
Plain	38 x 38	0.0065	0.0198	56.7	10.7	504
Plain	40 x 40	0.012	0.013	27	41.3	331
Plain	40 x 40	0.011	0.014	31.4	34.1	356
Plain	40 x 40	0.01	0.015	36	27.9	382
Plain	40 x 40	0.0095	0.0155	38.4	24.9	394
Plain	40 x 40	0.009	0.016	41	22.2	407
Plain	40 x 40	0.0085	0.0165	43.6	19.7	420
Plain	40 x 40	0.008	0.017	46.2	17.2	433
Plain	40 x 40	0.0065	0.0185	54.8	11.3	471
Plain	42 x 42	0.01	0.0138	33.6	29.5	351
Plain	42 x 42	0.0095	0.0143	36.1	26.4	364
Plain	42 x 42	0.009	0.0148	38.6	23.5	377
Plain	42 x 42	.0055"	0.0183	59.1	8.5	466
Plain	44 x 44	.0055"	0.0172	57.4	8.9	438
Plain	45 x 45	0.008	0.0142	40.8	19.8	361
Plain	46 x 46	0.0055	0.0162	55.8	9.3	412

Plain	48 x 48	0.0055	0.0153	54.2	9.7	389
Plain	50 x 40	0.008	.012 x .017	40.6	*	369
Plain	50 x 50	0.009	0.011	30.3	28.7	280
Plain	50 x 50	0.0085	0.0115	33.1	25.4	293
Plain	50 x 50	0.008	0.012	36	22.3	305
Plain	50 x 50	0.0075	0.0125	39.1	19.4	318
Plain	50 x 50	0.0055	0.0145	52.6	10.1	369
Plain	52 x 52	0.0055	0.0137	51	10.5	349
Plain	54 x 54	0.0055	0.013	49.4	10.9	331
Plain	55 x 55	0.007	0.0112	37.9	20.4	285
Plain	58 x 58	0.0045	0.0127	54.6	7.8	323
Plain	60 x 40	0.0065	.0102 x .0185	44.4	*	365
Plain	60 x 50	0.0065	.0102 x .0135	41.4	*	302
Twill	60 x 60	0.011	0.0057	11.7	43.3	145
Twill	60 x 60	0.01	0.0067	16.2	38.3	170
Plain	60 x 60	0.0075	0.0092	30.5	23.9	234
Plain	60 x 60	0.007	0.0097	33.9	20.6	247
Plain	60 x 60	0.0065	0.0102	37.5	17.6	260
Plain	60 x 60	0.006	0.0107	41.2	14.8	272
Plain	60 x 60	0.0045	0.0122	53.3	8.1	310
Plain	62 x 62	0.0045	0.0116	51.7	8.4	295
Plain	64 x 64	0.0045	0.0111	50.7	8.7	282
Plain	70 x 70	0.0065	0.0078	29.8	21	198
Plain	70 x 70	0.0037	0.016	54.9	6	407
Plain	72 x 72	0.0037	0.0102	53.8	6.2	260
Plain	74 x 74	0.0037	0.009	52.7	6.4	229
Plain	76 x 76	0.0037	0.0095	51.7	6.6	242
Plain	78 x 78	0.0037	0.0091	50.6	6.8	232
Plain	80 x 70	0.0055	.007 x .0088	34.4	17	201
Twill	80 x 80	0.007	0.0055	19.4	27.7	140
Plain	80 x 80	0.0055	0.007	31.4	17.1	178
Plain	80 x 80	0.005	0.0075	36	13.9	191

Plain	80 x 80	0.0037	0.0088	49.6	6.9	224
Plain	84 x 84	0.0035	0.0084	49.8	6.9	214
Plain	88 x 88	0.0035	0.0079	47.9	7.2	201
Plain	90 x 90	0.0035	0.0076	47.8	7.3	193
Plain	94 x 94	0.0035	0.0071	45.4	7.7	181
Plain	100 x 90	0.0045	.0055 x .0066	32.6	14	154
Plain	100 x 100	0.0045	0.0055	30.3	14.3	140
Plain	100 x 100	0.004	0.006	36	11.1	153
Plain	105 x 105	0.003	0.0065	46.9	6.3	165
Plain	120 x 120	0.0037	0.0046	30.7	10.3	117
Plain	120 x 120	0.0026	0.0058	47.3	5	148
Plain	135 x 135	0.0023	0.0051	47.4	4.8	130
Plain	145 x 145	0.0022	0.0047	46.4	4.9	120
Plain	150 x 150	0.0026	0.0041	37.4	7.2	104
Plain	165 x 165	0.0019	0.0042	47.1	4.2	107
Plain	180 x 180	0.0023	0.0033	34.7	7.5	84
Plain	200 x 200	0.0023	0.0027	29.1	7.3	69
Plain	200 x 200	0.0021	0.0029	33.6	6.3	74
Plain	200 x 200	0.0016	0.0034	46.2	3.6	87
Plain	230 x 230	0.0014	0.0029	46	3.4	74
Plain	250 x 250	0.0016	0.0024	36	4.3	61
Twill	270 x 270	0.0016	0.0021	32.2	4.8	53
Plain	300 x 300	0.0012	0.0018	29.7	3	46
Twill	325 x 325	0.0014	0.0017	30	4.3	43
Twill	400 x 400	0.0011	0.0014	31.4	3.4	36
Twill	500 x 500	0.001	0.001	25	*	25
Twill	635 x 635	0.0008	0.0008	25	*	20

Specification sheet of the plain dutch weave woven wire cloth.

Mesh/Inch	Absolute micron retention (μm)	Weight (kg/m ²)	Cloth Thickness (mm)
80 × 300	32 - 36	0.98	0.25
80 × 400	36 - 45	0.82	0.23
50 × 250	56 - 63	1	0.32
50 × 280	71 - 75	1	0.32
40 × 200	75 - 80	1.3	0.4
30 × 150	80 - 100	1	0.5
24 × 110	100 - 112	2.5	0.76
22 × 140	140 - 170	2.1	0.66
20 × 150	160 - 180	1.55	0.5
20 × 150	170 - 190	1.6	0.55
18 × 100	200 - 210	2.05	0.69
14 × 110	220 - 240	2.15	0.72
12 × 95	240 - 260	2.3	0.79
14 × 88	280 - 300	3.15	0.76
10 × 90	270 - 290	2.5	0.93
12 × 64	280 - 300	4.1	1.21
10 × 70	315 - 335	3	1.04
8 × 85	330 - 350	2.5	0.93

Specification of the twill dutch weave stainless steel wire cloth.

Mesh/Inch	Absolute micron retention (μm)	Weight (kg/m^2)	Cloth Thickness (mm)
510 × 3600	4 - 5	0.3	0.06
400 × 2800	5 - 6	0.36	0.06
375 × 2300	6 - 7	0.39	0.08
325 × 2300	7 - 8	0.47	0.09
260 × 1550	8 - 10	0.68	0.12
250 × 1400	11 - 12	0.68	0.12
200 × 1400	11 - 13	0.75	0.14
130 × 700	13 - 15	1.6	0.28
200 × 1120	15 - 17	0.95	0.16
165 × 1400	15 - 18	0.7	0.15
165 × 1100	20 - 21	0.9	0.16
80 × 700	34 - 36	1.2	0.26
40 × 560	71 - 80	1.7	0.39
30 × 360	95 - 106	2.6	0.54
30 × 250	100 - 112	3.2	0.65
20 × 260	110 - 120	3.1	0.67
28 × 560	106 - 112	1.95	0.46
24 × 300	112 - 118	2.85	0.63

Specification of the Reverse Dutch Weave Stainless Steel Wire Mesh

Stainless Steel Automatic Belt Type Fitter Saeen				
Mesh count		Wire dia.(mm)		Mesh thickness(mm)
warp	weft	warp	weft	
72	15	0.45	0.55	1.75
120	15	0.35	0.45	1.25
132	17	0.32	0.45	1.20
150	17	0.30	0.45	1.20
152	24	0.27	0.40	1.05
152	30	0.25	0.30	1.00
170	17	0.27	0.45	1.17
260	40	0.15	0.25	0.65

Note: Special size and specifications can be made according to customers requires.