

		DIAMETERS OF WIRE		SIZE OF OPENING			
		Inch	MM	Inch	MM	Micron	
4	12	0.104	2.640	0.146	3,710	3,710	34.14
4	13	0.092	2.340	0.158	4,010	4,010	39.98
4	14	0.080	2.030	0.170	4,320	4,320	46.28
4	15	0.072	1.830	0.178	4,520	4,520	50.67
4	16	0.064	1.630	0.186	4,720	4,720	55.25
4	17	0.056	1.430	0.194	4,920	4,920	60.03
4	18	0.048	1.220	0.202	5,130	5,130	65.27
5	14	0.080	2.030	0.120	3,050	3,050	36.05
5	15	0.072	1.830	0.128	3,250	3,250	40.93
5	16	0.064	1.630	0.136	3,450	3,450	46.12
5	17	0.056	1.430	0.144	3,650	3,650	51.62
5	18	0.048	1.220	0.152	3,860	3,860	57.74
5	19	0.040	1.020	0.160	4,060	4,060	63.87
5	20	0.036	0.910	0.164	4,170	4,170	67.38
6	16	0.064	1.630	0.102	2,603	2,603	37.82
6	17	0.056	1.430	0.110	2,803	2,803	43.85
6	19	0.040	1.020	0.127	3,213	3,213	57.62
6	20	0.036	0.910	0.131	3,323	3,323	61.63
6	21	0.032	0.810	0.135	3,423	3,423	65.39
8	16	0.064	1.630	0.061	1,545	1,545	23.68
8	17	0.056	1.430	0.061	1,745	1,745	30.21
8	18	0.048	1.220	0.077	1,955	1,955	37.91
8	19	0.040	1.020	0.085	2,155	2,155	46.07
8	20	0.036	0.910	0.089	2,265	2,265	50.89
8	21	0.032	0.810	0.093	2,365	2,365	55.48
8	22	0.028	0.710	0.097	2,465	2,465	60.28
8	23	0.024	0.610	0.0101	2,565	2,565	65.27
8	24	0.022	0.550	0.103	2,625	2,625	68.36
8	25	0.020	0.500	0.105	2,675	2,675	70.98
10	20	0.036	0.910	0.064	1,630	1,630	41.18
10	21	0.032	0.810	0.068	1,730	1,730	46.39
10	22	0.028	0.710	0.072	1,830	1,830	51.91
10	23	0.024	0.610	0.076	1,930	1,930	57.74
10	24	0.022	0.550	0.078	1,990	1,990	61.38
10	25	0.020	0.500	0.080	2,040	2,040	64.50
12	22	0.028	0.710	0.055	1,407	1,407	44.16
12	23	0.024	0.610	0.059	1,507	1,507	50.67
12	24	0.022	0.550	0.062	1,567	1,567	54.78
12	25	0.020	0.500	0.064	1,617	1,617	58.34
12	26	0.018	0.450	0.066	1,667	1,667	62.00
14	24	0.022	0.550	0.050	1,264	1,264	48.56
14	25	0.020	0.500	0.052	1,314	1,314	52.48
14	26	0.018	0.450	0.054	1,364	1,364	56.55
14	27	0.016	0.400	0.056	1,414	1,414	60.77
14	28	0.015	0.370	0.057	1,444	1,444	63.37
16	24	0.022	0.550	0.041	1,038	1,038	42.71
16	25	0.020	0.500	0.043	1,088	1,088	46.93

16	26	0.018	0.450	0.045	1,138	1,138	51.34
16	27	0.016	0.400	0.047	1,188	1,188	55.96
16	29	0.013	0.340	0.049	1,248	1,248	61.75
16	30	0.012	0.310	0.050	1,278	1,278	64.76
18	25	0.020	0.500	0.036	0.911	911	41.69
18	26	0.018	0.450	0.038	0.961	961	46.39
18	27	0.016	0.400	0.040	1.011	1,011	51.34
18	28	0.015	0.370	0.041	1.041	1,041	54.43
20	24	0.022	0.550	0.028	0.720	720	32.14
20	25	0.020	0.500	0.030	0.770	770	36.76
20	26	0.018	0.450	0.032	0.820	820	41.69
20	27	0.016	0.400	0.034	0.870	870	46.93
20	28	0.015	0.370	0.035	0.900	900	50.22
20	29	0.013	0.340	0.037	0.930	930	53.62
20	30	0.012	0.310	0.038	0.960	960	57.14
24	27	0.016	0.400	0.026	0.658	658	38.69
24	28	0.015	0.370	0.027	0.688	688	42.30
24	29	0.013	0.340	0.028	0.718	718	46.07
24	30	0.012	0.310	0.029	0.748	748	50.00
24	32	0.011	0.270	0.031	0.788	788	55.48
30	28	0.015	0.370	0.019	0.477	477	31.70
30	29	0.013	0.340	0.020	0.507	507	35.81
30	30	0.012	0.310	0.021	0.537	537	40.18
30	31	0.011	0.290	0.022	0.557	557	43.23
30	32	0.011	0.270	0.023	0.557	577	46.39

40	32	0.011	0.270	0.014	0.365	365	33.04
40	33	0.010	0.250	0.015	0.385	385	36.76
40	34	0.009	0.234	0.016	0.401	401	39.88
40	35	0.008	0.210	0.017	0.425	425	44.80
40	36	0.008	0.193	0.017	0.442	442	48.45
50	34	0.009	0.234	0.011	0.274	274	29.09
50	35	0.008	0.210	0.012	0.298	298	34.41
50	36	0.008	0.193	0.012	0.315	315	38.45
50	37	0.007	0.172	0.013	0.336	336	43.75
50	38	0.006	0.152	0.014	0.356	356	49.11
60	36	0.008	0.193	0.009	0.230	230	29.60
60	37	0.007	0.172	0.010	0.251	251	32.25
60	38	0.006	0.152	0.011	0.271	271	41.08
80	38	0.006	0.152	0.007	0.166	166	21.17
80	39	0.005	0.130	0.007	0.188	188	34.88
80	40	0.005	0.122	0.008	0.196	196	37.91
80	41	0.004	0.112	0.008	0.206	206	41.89
80	42	0.004	0.102	0.008	0.216	216	46.07
100	42	0.004	0.102	0.006	0.152	152	35.81
100	43	0.004	0.091	0.006	0.163	163	41.18
100	44	0.003	0.081	0.007	0.173	173	46.39
120	44	0.003	0.081	0.005	0.131	131	38.11
150	45	0.003	0.071	0.004	0.098	98	33.72
150	45.5	0.002	0.063	0.004	0.106	106	39.43
200	47	0.002	0.050	0.003	0.077	77	36.76

250	48	0.002	0.040	0.002	0.062	62	36.76
300	48	0.002	0.040	0.002	0.045	45	27.83
325	48.5	0.001	0.035	0.002	0.043	43	30.49
400	49.5	0.001	0.028	0.001	0.036	36	31.25
500	50	0.001	0.025	0.001	0.026	26	25.79

WEAVE TYPE	MESH COUNT	WARP WIRE IN INCHES	SHUTE WIRE IN INCHES	ABSOLUTE MICRON RATING	NOMINAL MICRON RATING	
PDW	8X20	0.014		0.0126	330-350	280
PDW	12X64	0.024		0.0165	270-290	200
PDW	14X88	0.02		0.013	220-240	150
PDW	16X80	0.0169		0.0134	225-235	140
PDW	24X110	0.015		0.01	115-125	80
PDW - TWIN WARP	24X128	2 X .010		0.004	110-120	75
PDW	30X150	0.009		0.007	110-112	63
PDW - TWIN WARP	30X150	2 X .009		.007"	95-113	60
PDW	40X200	0.007		0.0055	70-75	55
PDW	50X250	0.0055		0.0045	58-63	40
PDW	80X400	0.005		0.003	40-45	35
TDW	30X250	0.01		0.008	110-120	53
TDW	80X700	0.004		0.003	35-40	25
TDW	120X400	0.004		0.0025	50-55	40
TDW	165X800	0.0028		0.002	25-28	15
TDW	200X600	0.0024		0.0018	30	20
TDW	165X1400	0.0028		0.0016	16-20	10
TDW	200X1400	0.0028		0.0016	12-14	5
TDW	325X2300	0.0014		0.001	8-9	2
TDW	400X2800	0.001		0.0008	6-7	1

Grades of S.S material used

Grade	C Max	Mn Max	P Max	S Max	Si Max	Cr Min/Max	Ni Max	MO Max
304	0.08	2.00	0.05	0.03	1.00	18-20	18-10	-
304L	0.03	2.00	0.05	0.03	1.00	16-18	18-12	-
316	0.08	2.00	0.05	0.03	1.00	16-18	10-14	2-2.25
316L	0.03	2.00	0.05	0.03	1.00	16-18	10-14	2-2.25