



HIGHTOP[®] METAL MESH
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Stainless Steel

Wire Mesh

--Leading woven wire mesh manufacturer & supplier

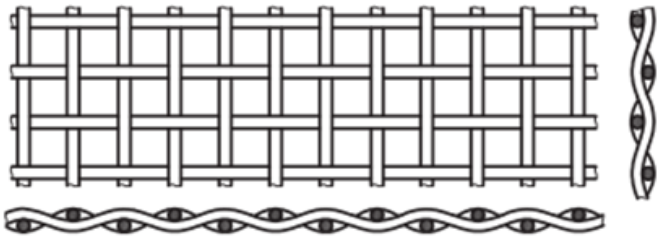
**Quality
Metal Mesh
Products**





STAINLESS STEEL WIRE MESH SPECIFICATIONS

1. PLAIN/TWILL WEAVE



a) Plain weave

b) Twill weave

Weave Type	Mesh Count	Wire Dia. (in.)	Opening (in.)	Open Area (%)	Opening (Micron)	Weight lb/100 ft ² based on SS304
Plain	2 x 2	0.080	0.42	70.6	10687	83.0
Plain	2 x 2	0.063	0.437	76.4	11119	51.7
Plain	2 x 2	0.054	0.446	79.6	11348	37.6
Plain	3 x 3	0.080	0.253	57.6	6438	126.4
Plain	3 x 3	0.072	0.261	61.3	6641	101.9
Plain	3 x 3	0.063	0.27	65.6	6870	77.6
Plain	3 x 3	0.054	0.279	70.1	7099	57.3
Plain	3 x 3	0.047	0.286	73.6	7277	42.8
Plain	3 x 3	0.041	0.2923	76.7	7438	32.5
Plain	4 x 4	0.120	0.13	27	3308	392.5
Plain	4 x 4	0.105	0.145	33.6	3690	309.3
Plain	4 x 4	0.092	0.158	39.9	4020	233.3
Plain	4 x 4	0.080	0.17	46.2	4326	173.8
Plain	4 x 4	0.072	0.178	50.7	453	139.6
Plain	4 x 4	0.063	0.187	56	4758	105.8
Plain	4 x 4	0.054	0.196	61.5	4987	77.2
Plain	4 x 4	0.047	0.203	65.9	5165	58.2
Plain	4 x 4	0.041	0.209	69.9	5318	44.0
Plain	4 x 4	0.035	0.215	74	5471	32.0
Plain	4 x 4	0.032	0.218	76	5547	26.7
Plain	4 x 4	0.028	0.222	78.9	5649	20.4
Plain	4 x 4	0.025	0.225	81	5725	16.3
Plain	5 x 5	0.063	0.137	46.9	3486	134.5
Plain	5 x 5	0.054	0.146	53.3	3715	97.7
Plain	5 x 5	0.047	0.153	58.5	3893	73.3
Plain	5 x 5	0.041	0.159	63.2	4046	55.4
Plain	5 x 5	0.035	0.165	68.1	4198	40.2
Plain	5 x 5	0.032	0.168	70.6	4275	33.5
Plain	6 x 6	0.063	0.104	38.9	2646	164.6
Plain	6 x 6	0.054	0.113	46	2875	118.9
Plain	6 x 6	0.047	0.12	51.8	3053	89.1



Weave Type	Mesh Count	Wire Dia. (in.)	Opening (in.)	Open Area (%)	Opening (Micron)	Weight lb/100 ft2
Plain	6 x 6	0.041	0.126	57.2	3206	67.2
Plain	6 x 6	0.035	0.132	62.7	3359	48.6
Plain	6 x 6	0.032	0.135	65.6	3435	20.7
Plain	6 x 6	0.028	0.139	69.6	3537	30.8
Plain	7 x 7	0.035	0.108	57.2	2748	57.1
Plain	7 x 7	0.032	0.111	60.4	2824	47.5
Plain	7 x 7	0.028	0.115	64.8	2926	36.2
Plain	8 X 8	0.063	0.062	24.6	1578	218.5
Plain	8 X 8	0.054	0.071	32.3	1807	164.3
Plain	8 X 8	0.047	0.078	38.9	1985	122.1
Plain	8 X 8	0.041	0.084	45.2	2137	91.5
Plain	8 X 8	0.035	0.09	51.8	2290	65.1
Plain	8 X 8	0.032	0.093	55.4	2366	54.6
Plain	8 X 8	0.028	0.097	60.2	2468	47.1
Plain	8 X 8	0.025	0.1	64	2545	32.9
Plain	9 X 9	0.041	0.07	39.7	1781	104.2
Plain	9 X 9	0.035	0.076	46.8	1934	74.7
Plain	9 X 9	0.032	0.079	50.6	2010	62.0
Plain	9 X 9	0.028	0.083	55.8	2112	47.1
Plain	9 X 9	0.025	0.086	59.9	2188	37.3
Plain	9 X 9	0.023	0.088	62.7	2239	31.4
Plain	10 x 10	0.047	0.053	28.1	1349	149.9
Plain	10 x 10	0.041	0.059	34.8	1501	117.5
Plain	10 x 10	0.035	0.065	42.3	1654	83.9
Plain	10 x 10	0.032	0.068	46.2	1730	69.5
Plain	10 x 10	0.028	0.072	51.8	1832	52.6
Plain	10 x 10	0.025	0.075	56.3	1908	41.6
Plain	10 x 10	0.023	0.077	59.3	1959	35.1
Plain	10 x 10	0.020	0.08	64	2036	26.4
Plain	11 x 11	0.032	0.059	42.1	1501	77.2
Plain	11 x 11	0.028	0.063	48	1603	58.4
Plain	11 x 11	0.025	0.066	52.7	1679	46.1
Plain	11 x 11	0.023	0.068	56	1730	38.8
Plain	11 x 11	0.020	0.071	61	1807	29.1
Plain	11 x 11	0.018	0.073	64.5	1857	23.5
Plain	12 x 12	0.032	0.051	37.5	1298	85.1
Plain	12 x 12	0.028	0.055	43.6	1399	64.1
Plain	12 x 12	0.025	0.058	48.4	1476	50.6
Plain	12 x 12	0.023	0.06	51.8	1527	42.6
Plain	12 x 12	0.020	0.063	57.2	1603	31.9
Plain	12 x 12	0.018	0.065	60.8	1654	25.8
Plain	14 x 14	0.028	0.043	36.2	1094	76.3
Plain	14 x 14	0.025	0.046	41.5	1170	59.9



Weave Type	Mesh Count	Wire Dia. (in.)	Opening (in.)	Open Area (%)	Opening (Micron)	Weight lb/100 ft ² based on SS304
Plain	14 x 14	0.023	0.048	45.2	1221	50.3
Plain	14 x 14	0.020	0.051	51	1298	37.6
Plain	14 x 14	0.018	0.053	55.1	1349	37.6
Plain	14 x 14	0.017	0.054	57.2	1374	26.9
Plain	14 x 14	0.009	0.062	76.4	1578	9.0
Plain	16 x 16	0.028	0.0345	30.5	878	84.4
Plain	16 x 16	0.025	0.0375	36	954	69.6
Plain	16 x 16	0.023	0.0395	39.9	1005	58.3
Plain	16 x 16	0.020	0.0425	46.2	1081	43.4
Plain	16 x 16	0.018	0.0445	50.7	1132	34.8
Plain	16 x 16	0.016	0.0465	55.4	1183	27.4
Plain	16 x 16	0.009	0.0535	73.3	1361	8.6
Plain	18 x 18	0.025	0.0306	30.3	779	75.8
Plain	18 x 18	0.023	0.0326	34.4	830	66.7
Plain	18 x 18	0.020	0.0356	41.1	906	49.5
Plain	18 x 18	0.018	0.0376	45.8	957	39.6
Plain	18 x 18	0.017	0.0386	48.3	982	35.1
Plain	18 x 18	0.016	0.0396	50.8	1008	31.0
Plain	18 x 18	0.015	0.0406	53.4	1033	27.1
Plain	18 x 18	0.014	0.0416	56.1	1059	23.5
Plain	18 x 18	0.0135	0.0421	57.4	1071	21.8
Plain	18 x 18	0.009	0.0466	70.2	1186	9.6
Plain	20 x 20	0.028	0.022	19.4	560	110.4
Plain	20 x 20	0.025	0.025	25	636	85.9
Plain	20 x 20	0.023	0.027	29.2	687	71.5
Plain	20 x 20	0.020	0.03	36	763	55.8
Plain	20 x 20	0.018	0.032	41	814	44.5
Plain	20 x 20	0.017	0.033	43.6	840	39.5
Plain	20 x 20	0.016	0.034	46.2	865	34.7
Plain	20 x 20	0.015	0.035	49	891	30.4
Plain	20 x 20	0.014	0.036	51.8	916	26.4
Plain	20 x 20	0.013	0.037	54.8	941	22.6
Plain	20 x 20	0.009	0.041	67.2	1043	10.6
Plain	22 x 22	0.016	0.0295	42.1	751	38.6
Plain	22 x 22	0.015	0.0305	45	776	33.7
Plain	22 x 22	0.0135	0.0315	48	802	27.1
Plain	22 x 22	0.0075	0.038	69.7	967	8.2
Plain	24 x 24	0.017	0.0247	35.1	628	48.5
Plain	24 x 24	0.016	0.0257	38	654	42.5
Plain	24 x 24	0.015	0.0267	41.1	679	37.1
Plain	24 x 24	0.014	0.0277	44.2	705	32.1
Plain	24 x 24	0.013	0.0287	47.4	730	27.5
Plain	24 x 24	0.012	0.0297	50.8	756	23.2



Weave Type	Mesh Count	Wire Dia. (in.)	Opening (in.)	Open Area (%)	Opening (Micron)	Weight lb/100 ft ² based on SS304
Plain	24 x 24	0.011	0.0307	54.3	781	19.4
Plain	24 x 24	0.010	0.0317	57.9	807	16.0
Plain	24 x 24	0.0075	0.0342	67.2	870	8.9
Plain	26 x 26	0.013	0.0255	44	649	30.0
Plain	26 x 26	0.012	0.0265	47.5	674	25.4
Plain	26 x 26	0.011	0.0275	51.1	700	21.1
Plain	26 x 26	0.010	0.0285	54.9	725	17.4
Plain	26 x 26	0.0095	0.0295	56.9	751	15.7
Plain	26 x 26	0.0075	0.031	64.8	789	9.5
Plain	28 x 28	0.0135	0.0222	38.6	565	35.2
Plain	28 x 28	0.013	0.0227	40.4	578	32.5
Plain	28 x 28	0.012	0.0237	44	603	27.5
Plain	28 x 28	0.011	0.0247	47.8	628	22.9
Plain	28 x 28	0.010	0.0257	51.8	654	18.8
Plain	28 x 28	0.0095	0.0262	53.8	667	16.9
Plain	28 x 28	0.009	0.0267	55.9	679	15.2
Plain	28 x 28	0.0075	0.0282	62.4	718	10.4
Twill	30 x 30	0.017	0.0163	23.9	415	69.8
Twill	30 x 30	0.016	0.0173	26.9	440	62.4
Twill	30 x 30	0.015	0.0183	30.1	466	47.9
Twill	30 x 30	0.014	0.0193	33.5	491	41.2
Plain	30 x 30	0.0135	0.0198	35.3	504	38.2
Plain	30 x 30	0.013	0.0203	37.1	517	35.1
Plain	30 x 30	0.012	0.0213	40.8	542	29.7
Plain	30 x 30	0.011	0.0223	44.8	567	24.7
Plain	30 x 30	0.010	0.0233	48.9	593	20.2
Plain	30 x 30	0.0095	0.0238	51	606	18.2
Plain	30 x 30	0.009	0.0243	53.1	618	16.3
Plain	30 x 30	0.0085	0.0248	55.4	631	14.4
Plain	30 x 30	0.0065	0.0268	64.8	682	8.4
Plain	32 x 32	0.016	0.0153	24	389	56.6
Plain	32 x 32	0.015	0.0163	27.2	415	49.1
Plain	32 x 32	0.014	0.0173	30.6	440	44.4
Plain	32 x 32	0.0135	0.0178	32.4	453	41.1
Plain	32 x 32	0.013	0.0183	34.3	466	37.9
Plain	32 x 32	0.012	0.0193	38.1	491	31.9
Plain	32 x 32	0.011	0.0203	42.2	517	26.6
Plain	32 x 32	0.010	0.0213	46.5	542	21.7
Plain	32 x 32	0.0095	0.0218	48.7	555	19.5
Plain	32 x 32	0.009	0.0223	50.9	567	17.5
Plain	32 x 32	0.0085	0.0228	53.2	580	15.5
Plain	32 x 32	0.0008	0.0233	55.6	593	13.6
Plain	32 x 32	0.0065	0.0248	62.7	631	9.0



Weave Type	Mesh Count	Wire Dia. (in.)	Opening (in.)	Open Area (%)	Opening (Micron)	Weight lb/100 ft ² based on SS304
Plain	34 x 34	0.009	0.0204	48.1	519	20.4
Plain	34 x 34	0.0065	0.0229	60.7	583	9.6
Plain	35 x 35	0.013	0.0156	29.8	397	42.0
Plain	35 x 35	0.012	0.0166	33.8	422	35.4
Plain	35 x 35	0.011	0.0176	37.9	448	29.3
Plain	35 x 35	0.010	0.0186	42.4	473	23.9
Plain	36 x 36	0.0065	0.0213	58.7	542	10.2
Plain	36 x 36	0.009	0.0188	45.8	478	21.6
Plain	38 x 38	0.011	0.0153	33.8	389	32.2
Plain	38 x 38	0.010	0.0163	38.4	415	26.3
Plain	38 x 38	0.0095	0.0168	40.8	427	23.5
Plain	38 x 38	0.009	0.0173	43.2	440	21.0
Plain	38 x 38	0.0085	0.0178	45.8	453	20.4
Plain	38 x 38	0.008	0.0183	48.4	466	18.0
Plain	38 x 38	0.0065	0.0198	56.7	504	10.7
Plain	40 x 40	0.012	0.013	27	331	41.3
Plain	40 x 40	0.011	0.014	31.4	356	34.1
Plain	40 x 40	0.010	0.015	36	382	27.9
Plain	40 x 40	0.0095	0.0155	38.4	394	24.9
Plain	40 x 40	0.009	0.016	41	407	22.2
Plain	40 x 40	0.0085	0.0165	43.6	420	19.7
Plain	40 x 40	0.008	0.017	46.2	433	17.2
Plain	40 x 40	0.0065	0.0185	54.8	471	11.3
Plain	42 x 42	0.010	0.0138	33.6	351	29.5
Plain	42 x 42	0.0095	0.0143	36.1	364	26.4
Plain	42 x 42	0.009	0.0148	38.6	377	23.5
Plain	42 x 42	0.0055	0.0183	59.1	466	8.5
Plain	44 x 44	0.0055	0.0172	57.4	438	8.9
Plain	45 x 45	0.008	0.0142	40.8	361	19.8
Plain	46 x 46	0.0055	0.0162	55.8	412	9.3
Plain	48 x 48	0.0055	0.0153	54.2	389	9.7
Plain	50 x 40	0.008	.012 x .017	40.6	369	*
Plain	50 x 50	0.009	0.011	30.3	280	28.7
Plain	50 x 50	0.0085	0.0115	33.1	293	25.4
Plain	50 x 50	0.008	0.012	36	305	22.3
Plain	50 x 50	0.0075	0.0125	39.1	318	19.4
Plain	50 x 50	0.0055	0.0145	52.6	369	10.1
Plain	52 x 52	0.0055	0.0137	51	349	10.5
Plain	54 x 54	0.0055	0.013	49.4	331	10.9
Plain	55 x 55	0.007	0.0112	37.9	285	20.4
Plain	58 x 58	0.0045	0.0127	54.6	323	7.8
Plain	60 x 40	0.0065	.0102 x .0185	44.4	365	*
Plain	60 x 50	0.0065	.0102 x .0135	41.4	302	*

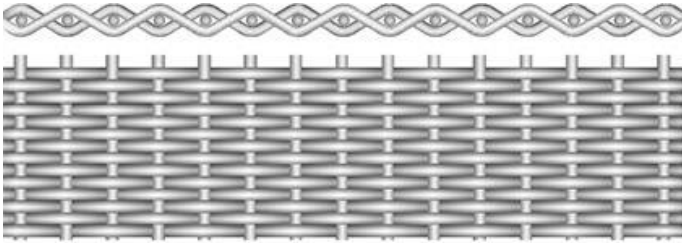


Weave Type	Mesh Count	Wire Dia. (in.)	Opening (in.)	Open Area (%)	Opening (Micron)	Weight lb/100 ft ² based on SS304
Twill	60 x 60	0.011	0.0057	11.7	145	43.3
Twill	60 x 60	0.010	0.0067	16.2	170	38.3
Plain	60 x 60	0.0075	0.0092	30.5	234	23.9
Plain	60 x 60	0.007	0.0097	33.9	247	20.6
Plain	60 x 60	0.0065	0.0102	37.5	260	17.6
Plain	60 x 60	0.006	0.0107	41.2	272	14.8
Plain	60 x 60	0.0045	0.0122	53.3	310	8.1
Plain	62 x 62	0.0045	0.0116	51.7	295	8.4
Plain	64 x 64	0.0045	0.0111	50.7	282	8.7
Plain	70 x 70	0.0065	0.0078	29.8	198	21.0
Plain	70 x 70	0.0037	0.016	54.9	407	6.0
Plain	72 x 72	0.0037	0.0102	53.8	260	6.2
Plain	74 x 74	0.0037	0.009	52.7	229	6.4
Plain	76 x 76	0.0037	0.0095	51.7	242	6.6
Plain	78 x 78	0.0037	0.0091	50.6	232	6.8
Plain	80 x 70	0.0055	.007 x .0088	34.4	201	17.0
Twill	80 x 80	0.007	0.0055	19.4	140	27.7
Plain	80 x 80	0.0055	0.007	31.4	178	17.1
Plain	80 x 80	0.005	0.0075	36	191	13.9
Plain	80 x 80	0.0037	0.0088	49.6	224	6.9
Plain	84 x 84	0.0035	0.0084	49.8	214	6.9
Plain	88 x 88	0.0035	0.0079	47.9	201	7.2
Plain	90 x 90	0.0035	0.0076	47.8	193	7.3
Plain	94 x 94	0.0035	0.0071	45.4	181	7.7
Plain	100 x 90	0.0045	.0055 x .0066	32.6	154	14.0
Plain	100 x 100	0.0045	0.0055	30.3	140	14.3
Plain	100 x 100	0.004	0.006	36	153	11.1
Plain	105 x 105	0.003	0.0065	46.9	165	6.3
Plain	120 x 120	0.0037	0.0046	30.7	117	10.3
Plain	120 x 120	0.0026	0.0058	47.3	148	5.0
Plain	135 x 135	0.0023	0.0051	47.4	130	4.8
Plain	145 x 145	0.0022	0.0047	46.4	120	4.9
Plain	150 x 150	0.0026	0.0041	37.4	104	7.2
Plain	165 x 165	0.0019	0.0042	47.1	107	4.2
Plain	180 x 180	0.0023	0.0033	34.7	84	7.5
Plain	200 x 200	0.0023	0.0027	29.1	69	7.3
Plain	200 x 200	0.0021	0.0029	33.6	74	6.3
Plain	200 x 200	0.0016	0.0034	46.2	87	3.6
Plain	230 x 230	0.0014	0.0029	46	74	3.4
Plain	250 x 250	0.0016	0.0024	36	61	4.3
Twill	270 x 270	0.0016	0.0021	32.2	53	4.8
Plain	300 x 300	0.0012	0.0018	29.7	46	3.0
Twill	325 x 325	0.0014	0.0017	30	43	4.3

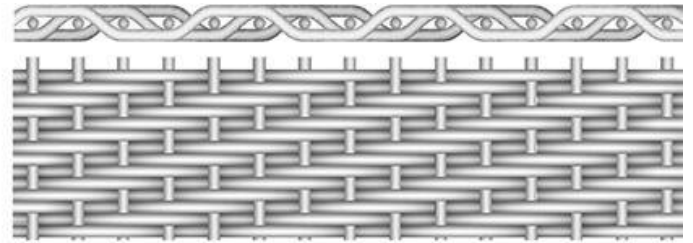


Twill	400 x 400	0.0011	0.0014	31.4	36	3.4
Twill	500 x 500	0.0010	0.001	25	25	*
Twill	635 x 635	0.0008	0.0008	25	20	*

2. DUTCH WEAVE



Plain Dutch Weave



Twill Dutch Weave

PLAIN DUTCH WEAVE

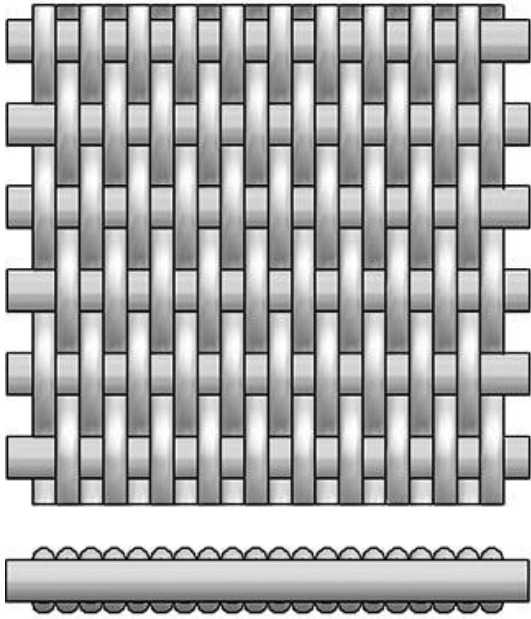
Mesh	Wire Dia. (In.)	Absolute Filtration Fineness (µm)	Nominal Filtration Fineness (µm)
8 x 85	.014 x .0126	318-340	250-255
12 x 64	.024 x .0165	270-285	200-205
14 x 88	.020 x .013	225-245	150-155
20 x 150	.0098 x .007	155-165	100-105
24 x 100	.015 x .010	115-125	80-85
30 x 150	.009 x .007	95-100	65-70
40 x 200	.007 x .0055	65-70	55-60
50 x 250	.0055 x .0045	55-60	40-45
80 x 400	.0049 x .0028	43-48	35-40

TWILL DUTCH WEAVE

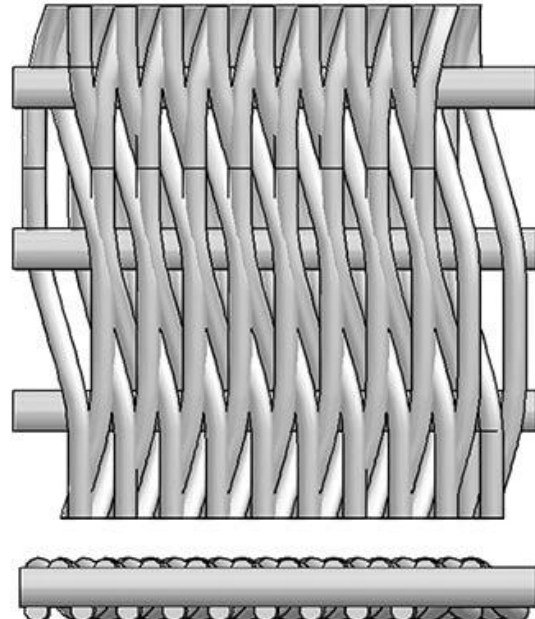
Mesh	Wire Dia. (In.)	Absolute Filtration Fineness (µm)	Nominal Filtration Fineness (µm)
20 x 250	.0098 x .0079	110-120	98-105
30 x 360	.0098 x .0060	90-100	80-84
40 x 560	.0070 x .0040	70-75	47-52
120 x 400	.0040 x .0025	50-55	37-43
120 x 160	.0040 x .0025	40-45	28-32
80 x 700	.0040 x .0030	35-40	24-26
200 x 600	.0024 x .0018	28-32	19-21
165 x 800	.0028 x .0020	24-26	14-16
165 x 1400	.0028 x .0016	16-18	9-11
200 x 1400	.0028 x .0016	12-14	5-6
250 x 1400	.0022 x .0016	11-12	3-4
325 x 2300	.0015 x .0010	8-9	2-3



3. REVERSE DUTCH WEAVE



Plain Reverse Dutch Weave



Twill Reverse Dutch Weave



Mesh Count		Wire Diameter (in.)		Wire Diameter (mm)		Mesh Thickness	
Warp	Weft	Warp	Weft	Warp	Weft	(in.)	(mm)
72	15	0.018	0.022	0.45	0.55	0.069	1.75
120	15	0.014	0.018	0.35	0.45	0.049	1.25
132	17	0.013	0.018	0.32	0.45	0.047	1.20
150	17	0.012	0.018	0.30	0.45	0.047	1.20
152	24	0.011	0.016	0.27	0.40	0.041	1.05
152	30	0.010	0.012	0.25	0.30	0.039	1.00
170	17	0.011	0.018	0.27	0.45	0.046	1.17
260	40	0.006	0.010	0.15	0.25	0.026	0.65
350	40	0.005	0.009	0.12	0.23		