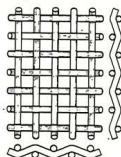
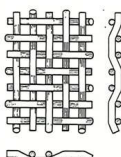


Plain Weave Coarse and Medium Meshes

Mesh Count per inch	Wire Dia. (mm)	Aperture Size (mm)	Open Area	Weight for Stainless Steel (kg/sq m)
2	2.000	10.700	71%	3.97
2	1.800	10.900	74%	3.22
2	1.600	11.100	76%	2.54
2	1.400	11.300	79%	1.95
3	2.000	6.467	58%	5.96
3	1.800	6.667	62%	4.83
3	1.600	6.867	66%	3.82
3	1.400	7.067	70%	2.92
4	2.000	4.350	47%	7.95
4	1.800	4.550	51%	6.44
4	1.600	4.750	56%	5.09
4	1.400	4.950	61%	3.89
4	1.250	5.100	65%	3.11
4	1.000	5.350	71%	1.99
4	0.900	5.450	74%	1.61
5	1.250	3.830	57%	3.88
5	1.000	4.080	65%	2.48
6	1.600	2.633	39%	7.63
6	1.400	2.833	45%	5.84
6	1.250	2.983	50%	4.66
6	1.000	3.233	58%	2.98
6	0.900	3.333	62%	2.41
6	0.800	3.433	66%	1.91
6	0.710	3.523	69%	1.50
8	1.250	1.925	37%	6.21
8	1.120	2.055	42%	4.99
8	1.000	2.175	47%	3.97
8	0.900	2.275	51%	3.22
8	0.800	2.375	56%	2.54
8	0.710	2.465	60%	2.00
8	0.630	2.545	64%	1.58
8	0.560	2.615	68%	1.25
10	0.900	1.640	42%	4.02
10	0.800	1.740	47%	3.18
10	0.710	1.830	52%	2.50
10	0.630	1.910	57%	1.97
10	0.560	1.980	61%	1.56
10	0.500	2.040	65%	1.24
12	0.800	1.317	39%	3.82
12	0.710	1.407	44%	3.01
12	0.630	1.487	49%	2.37
12	0.560	1.557	54%	1.87
12	0.500	1.617	58%	1.49
12	0.450	1.667	62%	1.21



PLAIN WEAVE
The most commonly used weave. Each weft wire passes alternatively over and under each warp wire and vice versa. Warp and weft wire diameters are generally the same. Plain Weave meshes are available with apertures from 10.7mm (2 mesh) to 0.05mm (325 mesh).



TWILL WEAVE
Stronger than Plain Weave. Each weft wire alternatively crosses over two, then under two, warp wires producing a diagonal pattern. The wire diameter for both warp and weft is normally the same. Twill weave is usually used to accommodate a heavier than standard wire diameter in association with a given mesh. Specifications finer than 300 are normally twill woven.

Plain Weave Coarse and Medium Meshes

Mesh Count per inch	Wire Dia. (mm)	Aperture Size (mm)	Open Area	Weight for Stainless Steel (kg/sq m)
14	0.560	1.254	48%	2.18
14	0.500	1.314	52%	1.74
14	0.450	1.364	57%	1.41
14	0.400	1.414	61%	1.11
14	0.355	1.459	65%	0.88
14	0.315	1.499	68%	0.69
16	0.630	0.958	36%	3.15
16	0.560	1.028	42%	2.49
16	0.500	1.088	47%	1.99
16	0.450	1.138	51%	1.61
16	0.400	1.188	56%	1.27
16	0.355	1.233	60%	1.00
16	0.315	1.273	64%	0.79
20	0.560	0.710	31%	3.12
20	0.500	0.770	37%	2.48
20	0.450	0.820	42%	2.01
20	0.400	0.870	47%	1.59
20	0.355	0.915	52%	1.25
20	0.315	0.955	57%	0.99
24	0.450	0.608	33%	2.41
24	0.355	0.703	44%	1.50
24	0.315	0.743	49%	1.18
28	0.355	0.552	37%	1.75
28	0.315	0.592	43%	1.38
30	0.355	0.492	34%	1.88
30	0.315	0.532	39%	1.48
30	0.280	0.567	45%	1.17
30	0.250	0.597	50%	0.93
30	0.224	0.623	54%	0.75
36	0.250	0.456	42%	1.12
36	0.224	0.482	47%	0.90
36	0.212	0.494	49%	0.80
40	0.224	0.411	42%	1.00
40	0.200	0.435	47%	0.79
40	0.190	0.445	49%	0.72
50	0.210	0.298	34%	1.10
50	0.200	0.308	37%	0.99
50	0.190	0.318	39%	0.90
50	0.160	0.348	47%	0.64
50	01.50	0.358	50%	0.56
60	0.180	0.243	33%	0.97
60	0.160	0.263	39%	0.76
60	0.140	0.283	45%	0.58
70	0.150	0.213	34%	0.78
70	0.140	0.223	38%	0.68
70	0.125	0.238	43%	0.54
80	0.132	0.185	34%	0.69
80	0.125	0.193	37%	0.62