Balsa Wood Density Info

	Ultra Light		Light		Light Medium		Medium		Medium Hard		Hard
Lb. per cubic foot:	**4.0**	**5.4**	**5.5**	**6.0**	**6.1**	**7.5**	**7.6**	**9.5**	**9.6**	**12**	**14**
Oz. per cubic foot:	64	86.4	88	96	97.6	120	121.6	152	153.6	192	224

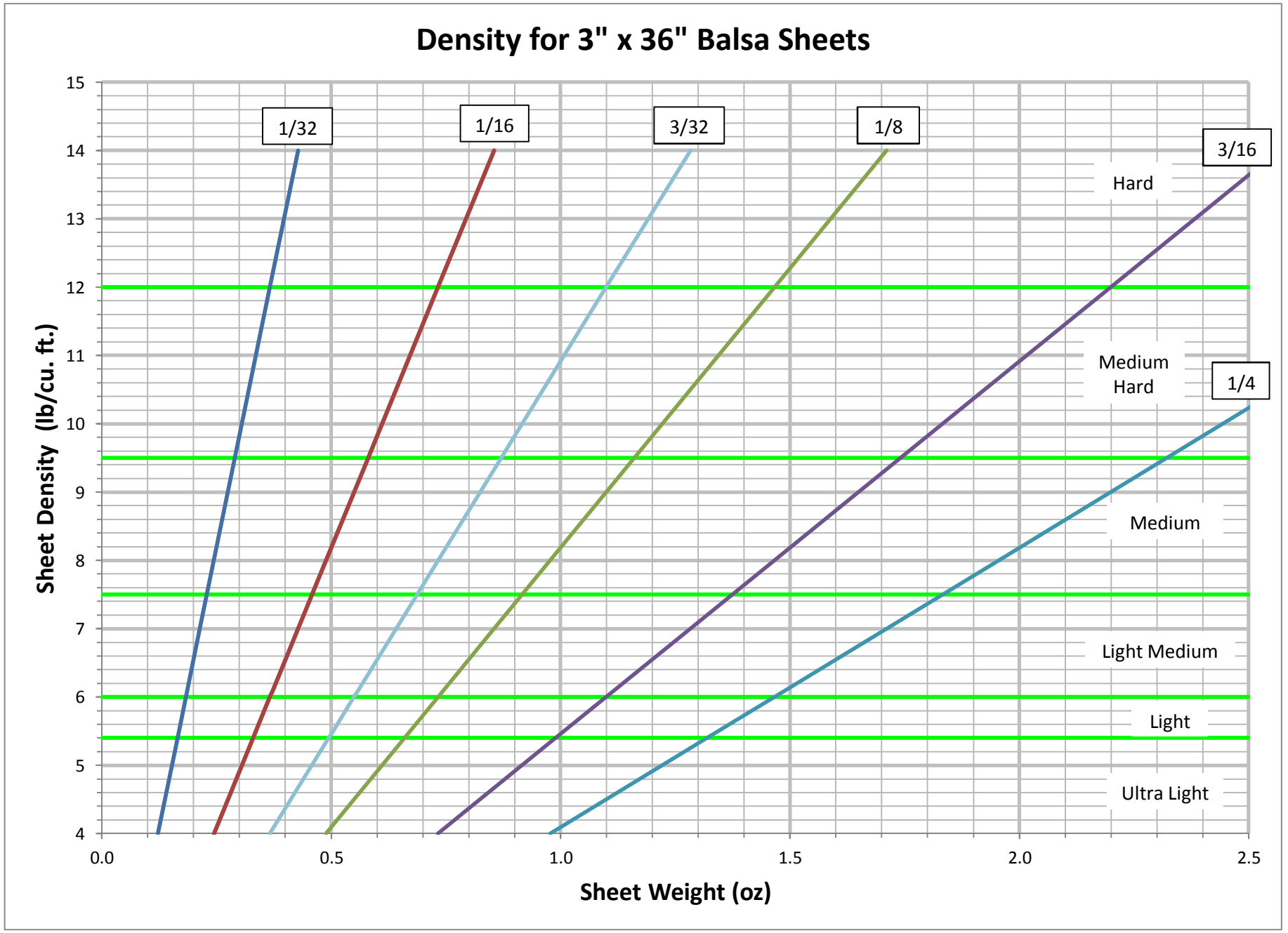
Thickness				
Fraction	Decimal	Width	Length	Cu. In.
1/32	0.03125	3	36	3.375
1/16	0.06250	3	36	6.750
3/32	0.09375	3	36	10.125
1/8	0.12500	3	36	13.500
3/16	0.18750	3	36	20.250
1/4	0.25000	3	36	27.000

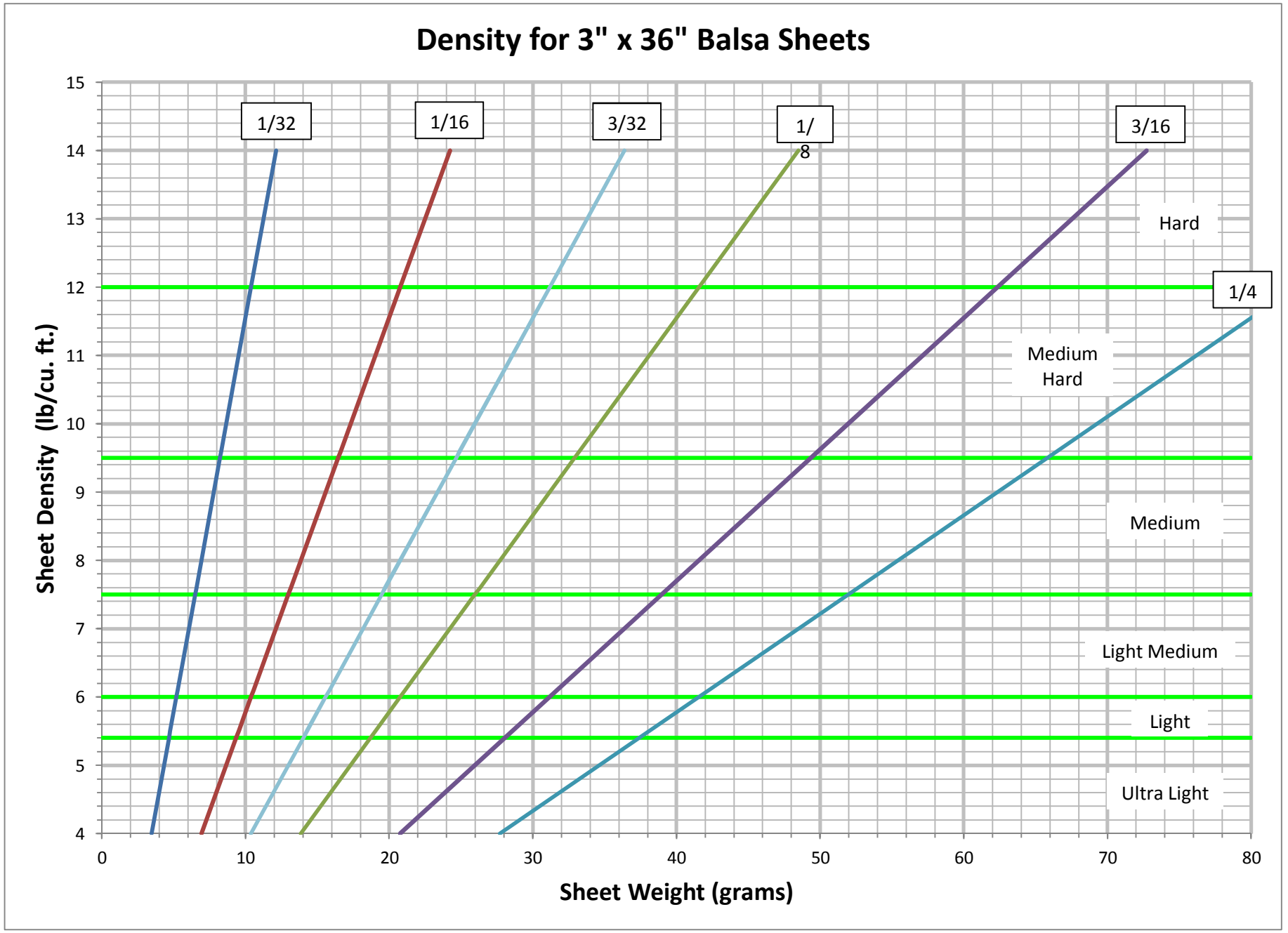
Weight (oz.)										
0.122	0.165	0.168	0.183	0.186	0.229	0.232	0.290	0.293	0.367	0.428
0.244	0.330	0.336	0.367	0.373	0.458	0.464	0.580	0.586	0.733	0.855
0.367	0.495	0.504	0.550	0.559	0.687	0.696	0.870	0.880	1.100	1.283
0.489	0.660	0.672	0.733	0.745	0.916	0.929	1.161	1.173	1.466	1.710
0.733	0.990	1.008	1.100	1.118	1.374	1.393	1.741	1.759	2.199	2.566
0.977	1.319	1.344	1.466	1.490	1.833	1.857	2.321	2.346	2.932	3.421

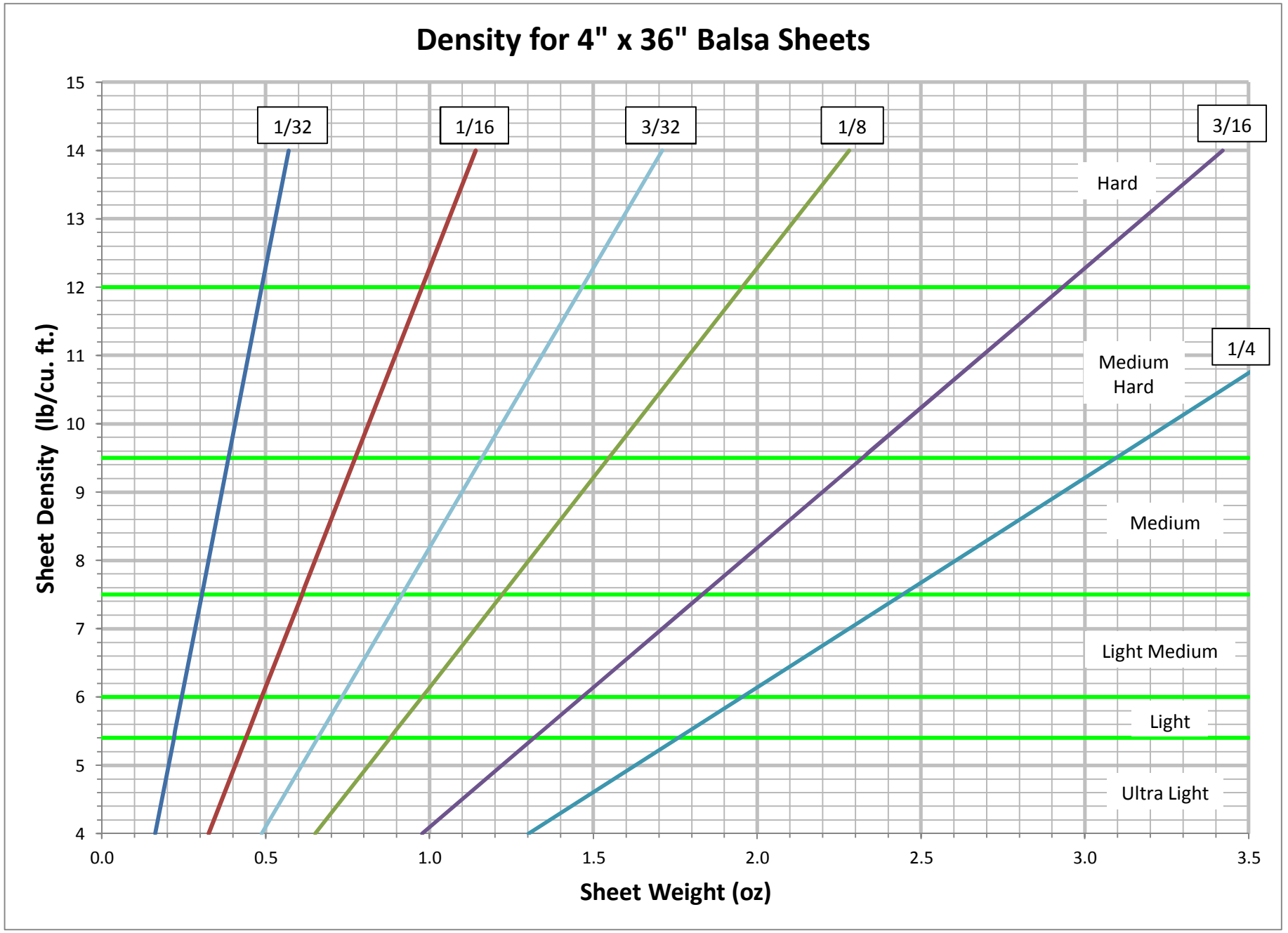
1768 Cu. In. per Cu. Ft.

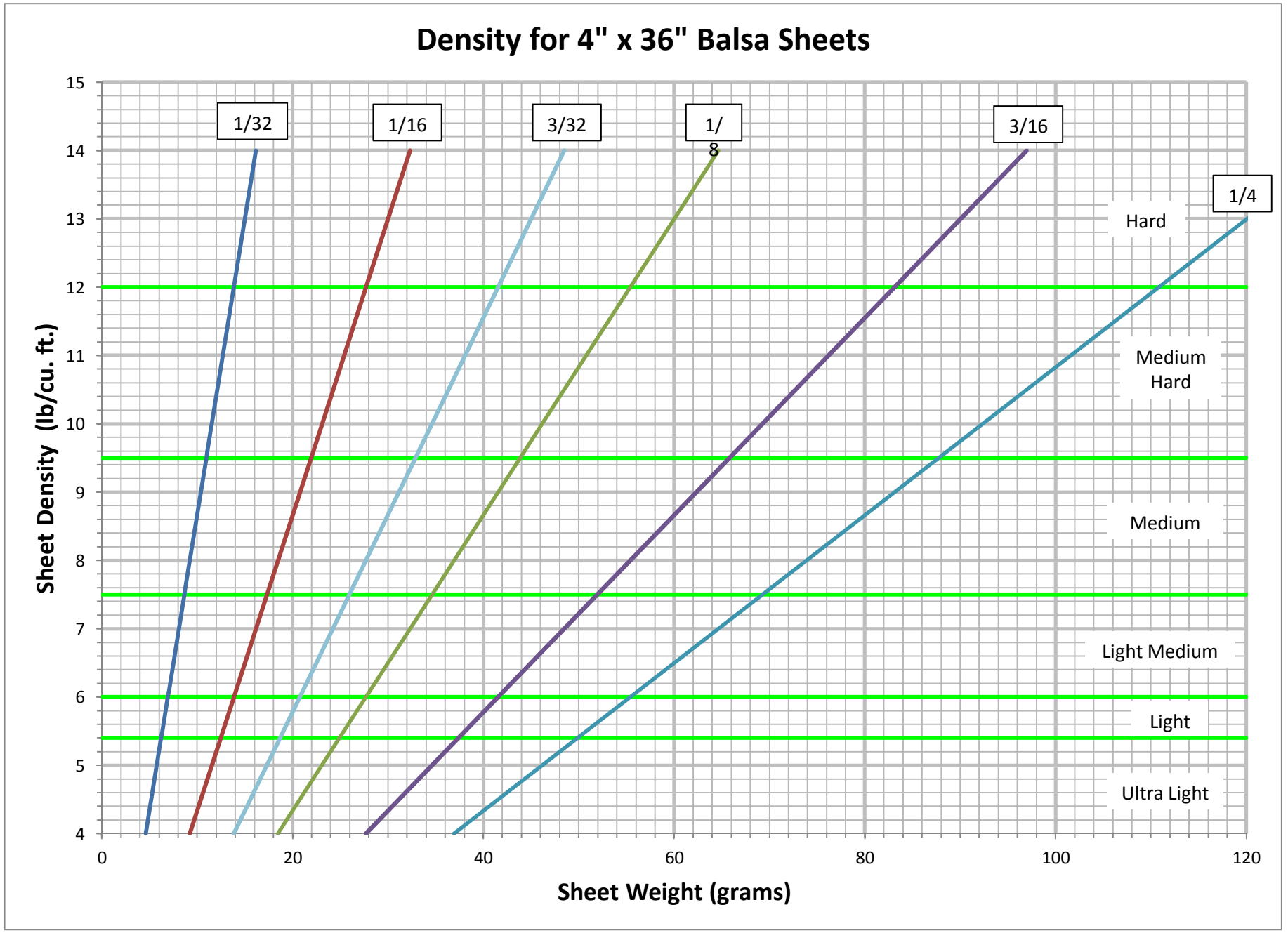
28.34952 grams per oz

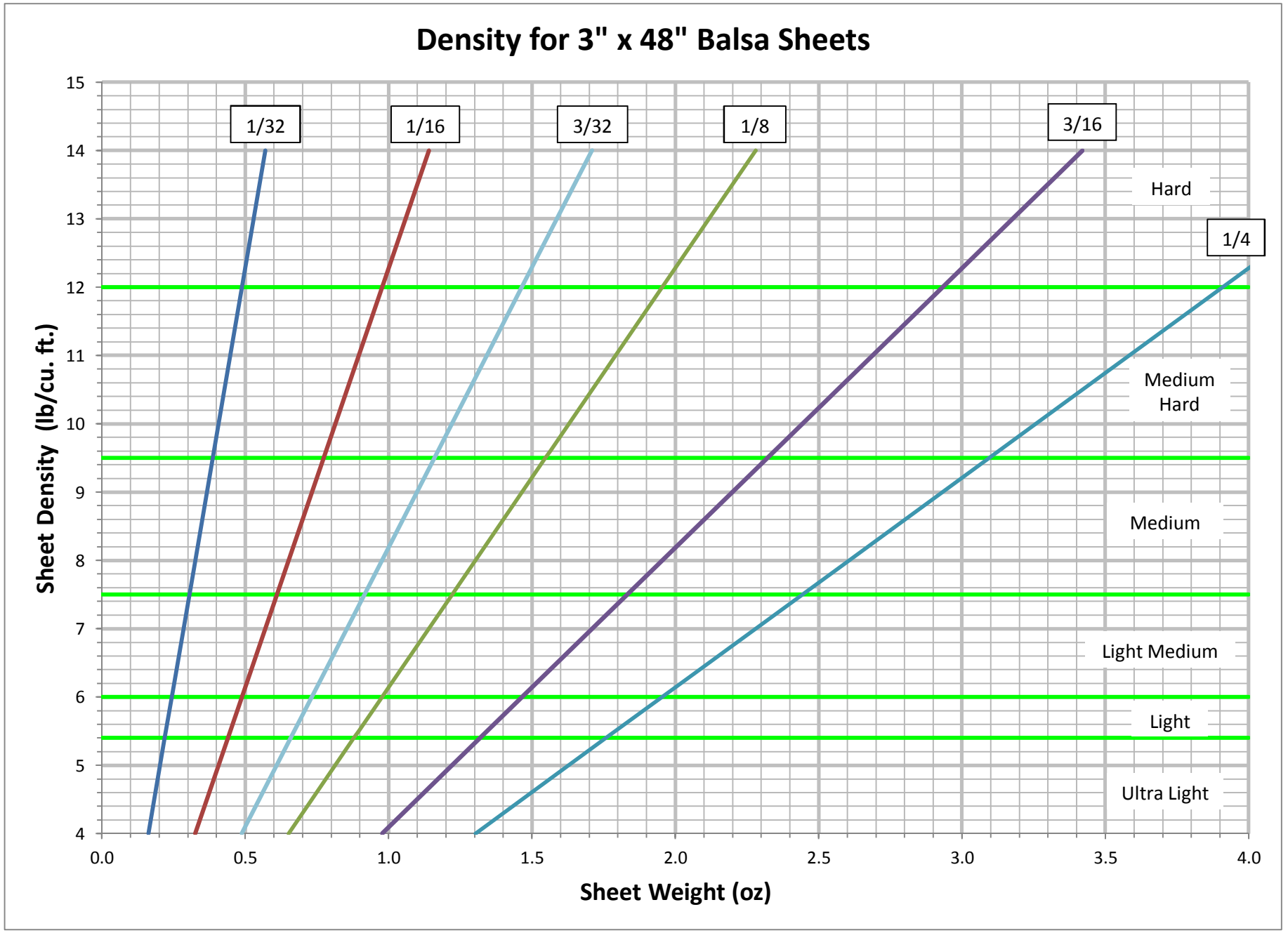
	Weight (grams)										
1/32	3.4635	4.6757	4.7623	5.1953	5.2819	6.4941	6.5807	8.2259	8.3124	10.391	12.122
1/16	6.927	9.3515	9.5247	10.391	10.564	12.988	13.161	16.452	16.625	20.781	24.245
3/32	10.391	14.027	14.287	15.586	15.846	19.482	19.742	24.678	24.937	31.172	36.367
1/8	13.854	18.703	19.049	20.781	21.127	25.976	26.323	32.903	33.25	41.562	48.489
3/16	20.781	28.054	28.574	31.172	31.691	38.965	39.484	49.355	49.875	62.343	72.734
1/4	27.708	37.406	38.099	41.562	42.255	51.953	52.645	65.807	66.5	83.124	96.978

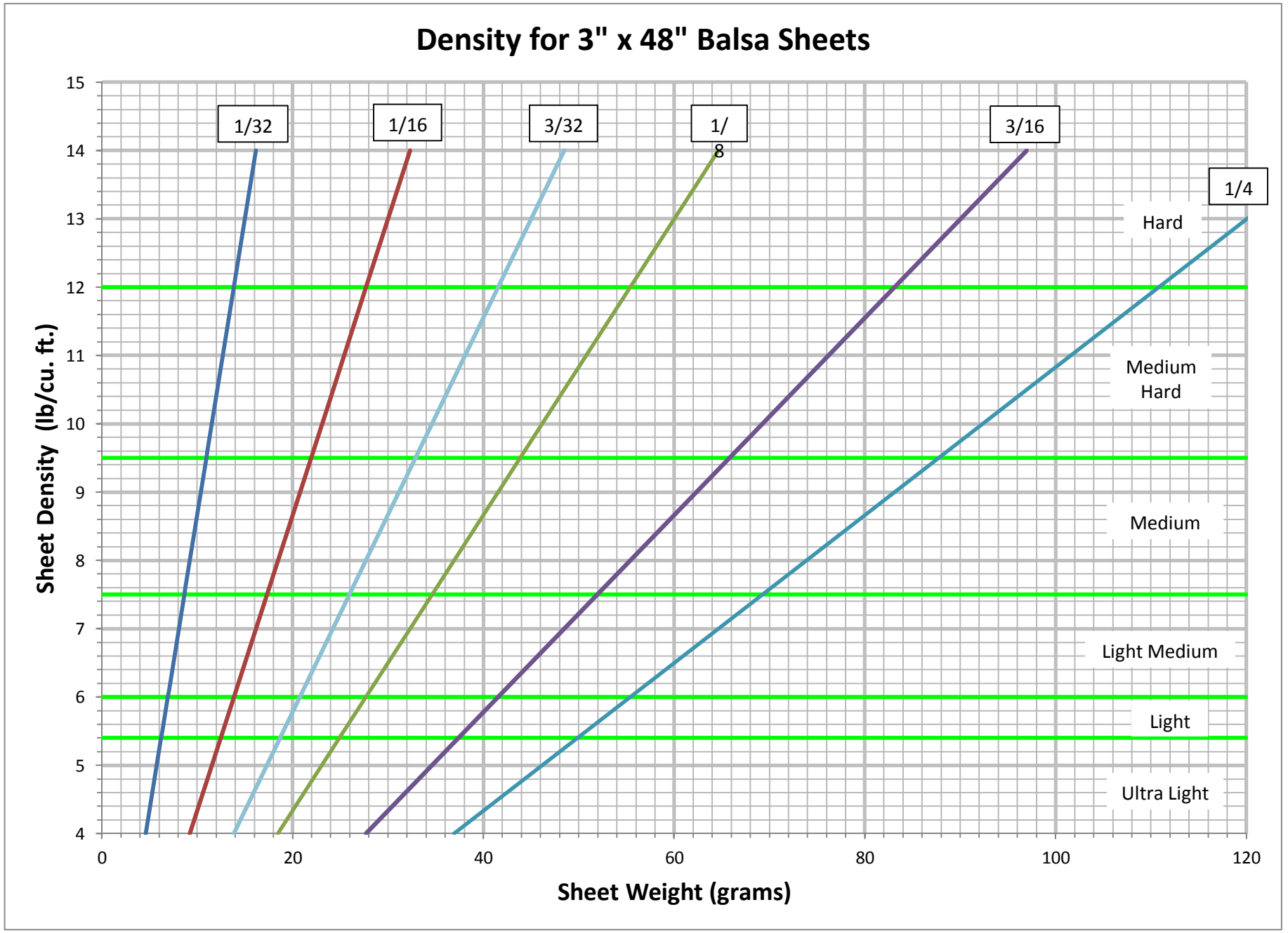

Density for 3" x 36" Balsa Sheets
Sheet Density (lb/cu. ft.)
15
14
13
12
11
10
9
8
7
6
5
4
0.0
0.5
1.0
1.5
2.0
2.5
Sheet Weight (oz)
1/32
1/16
3/32
1/8
3/16
1/4
Hard
Medium Hard
Medium
Light Medium
Light
Ultra Light

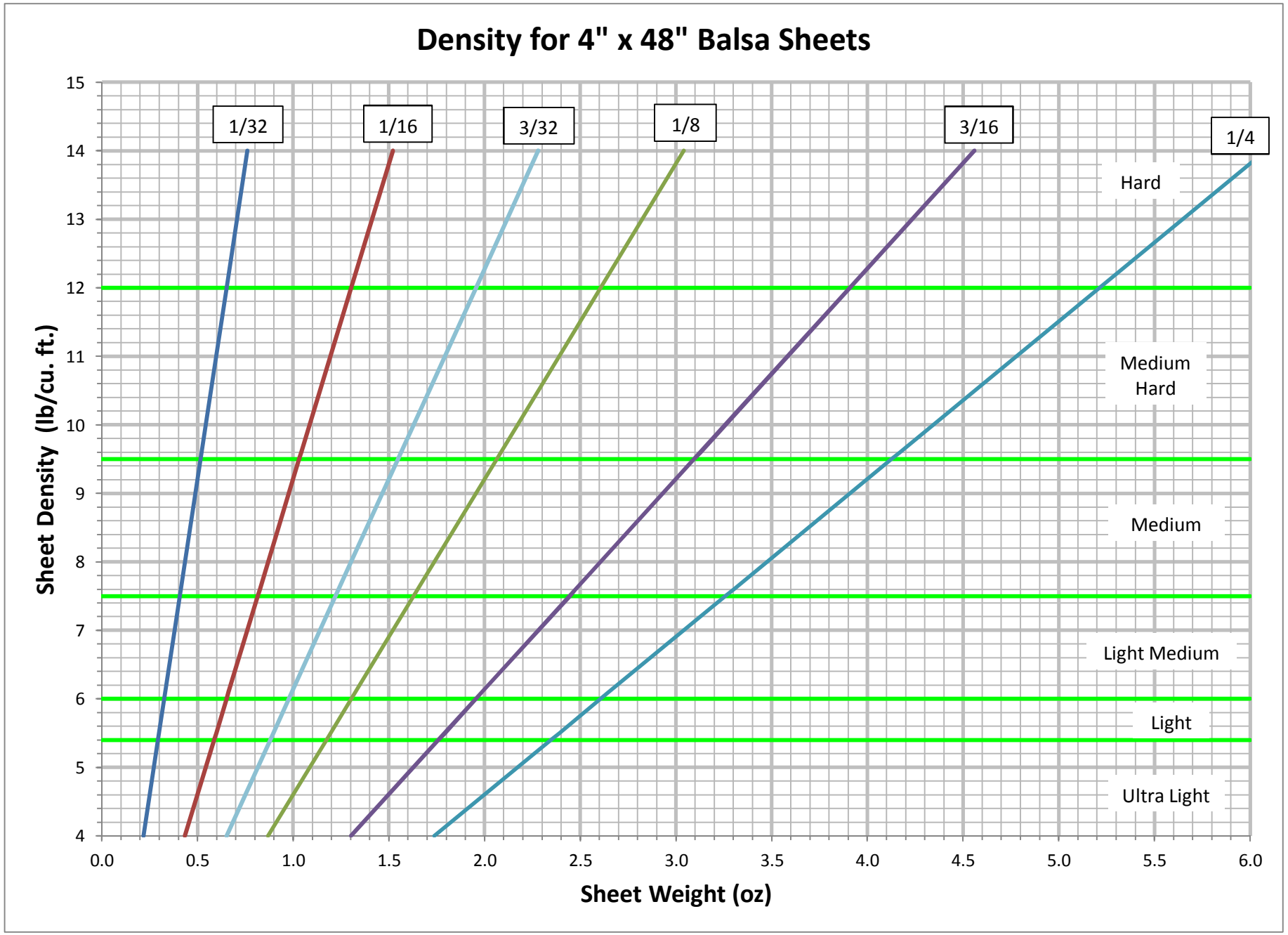

Density for 3" x 36" Balsa Sheets
Sheet Density (lb/cu. ft.)
Sheet Weight (grams)
15
14
13
12
11
10
9
8
7
6
5
4
0
10
20
30
40
50
60
70
80
1/32
1/16
3/32
1/8
3/16
1/4
Hard
Medium Hard
Medium
Light Medium
Light
Ultra Light

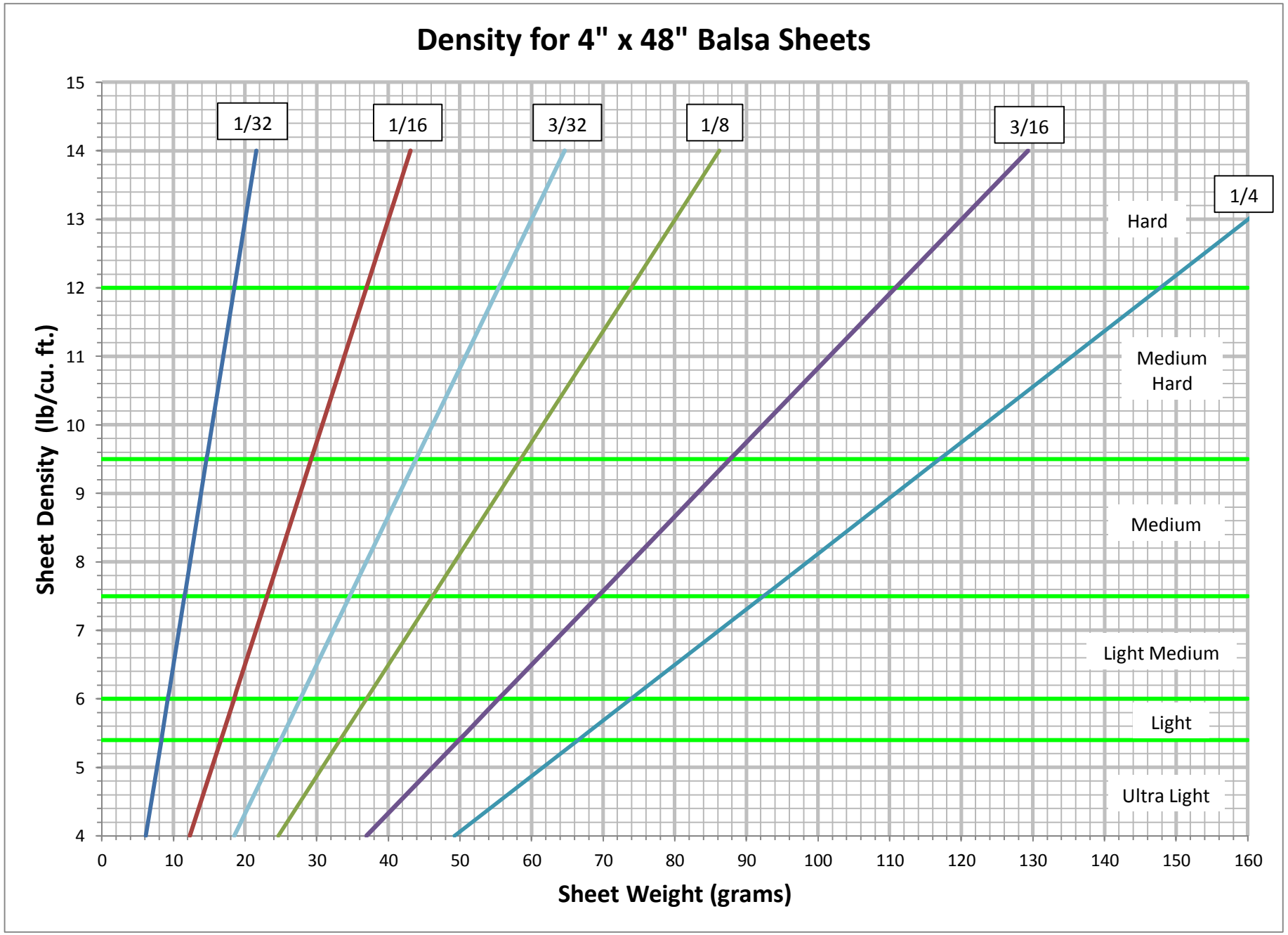

Density for 4" x 36" Balsa Sheets
Sheet Density (lb/cu. ft.)
Sheet Weight (oz)
15
14
13
12
11
10
9
8
7
6
5
4
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
1/32
1/16
3/32
1/8
3/16
1/4
Hard
Medium Hard
Medium
Light Medium
Light
Ultra Light


Density for 4" x 36" Balsa Sheets
Sheet Density (lb/cu. ft.)
Sheet Weight (grams)
15
14
13
12
11
10
9
8
7
6
5
4
0
20
40
60
80
100
120
1/32
1/16
3/32
1/8
3/16
1/4
Hard
Medium Hard
Medium
Light Medium
Light
Ultra Light


Density for 3" x 48" Balsa Sheets
Sheet Density (lb/cu. ft.)
15
14
13
12
11
10
9
8
7
6
5
4
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
Sheet Weight (oz)
1/32
1/16
3/32
1/8
3/16
1/4
Hard
Medium Hard
Medium
Light Medium
Light
Ultra Light


Density for 3" x 48" Balsa Sheets
Sheet Density (lb/cu. ft.)
Sheet Weight (grams)
15
14
13
12
11
10
9
8
7
6
5
4
0
20
40
60
80
100
120
1/32
1/16
3/32
1/
8
3/16
1/4
Hard
Medium Hard
Medium
Light Medium
Light
Ultra Light


Density for 4" x 48" Balsa Sheets
Sheet Density (lb/cu. ft.)
Sheet Weight (oz)
15
14
13
12
11
10
9
8
7
6
5
4
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
5.0
5.5
6.0
1/32
1/16
3/32
1/8
3/16
1/4
Hard
Medium Hard
Medium
Light Medium
Light
Ultra Light


Density for 4" x 48" Balsa Sheets
Sheet Density (lb/cu. ft.)
Sheet Weight (grams)
1/32
1/16
3/32
1/8
3/16
1/4
Hard
Medium Hard
Medium
Light Medium
Light
Ultra Light
15
14
13
12
11
10
9
8
7
6
5
4
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
150
160