

Sheet and Covering Material Weights

Product	Notes/Color	gm/Sq Foot	Relative Weight	gm/Sq Inch	oz/Sq Inch	oz/Sq Foot	gm/Sq Yard	oz/Sq Yard
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Plywood

1/4" plywood	5-ply	421.00	200.5x	2.924	0.10312	14.850	3,789.0	133.65
1/8" plywood	5-ply	194.68	92.7x	1.352	0.04769	6.867	1,752.1	61.80
1/16" plywood	5-ply	98.41	46.9x	0.683	0.02411	3.471	885.7	31.24
1/32" plywood	5-ply	60.50	28.8x	0.420	0.01482	2.134	544.5	19.21

Foam and Bubble Wrap

CG 1/4" Foam		105.00	50.0x	0.729	0.02572	3.704	945.0	33.33
Dubro 1/4" Foam		85.82	40.9x	0.596	0.02102	3.027	772.4	27.24
Bubble Wrap	1/4" cell Staples brand	4.25	2.0x	0.030	0.00104	0.150	38.3	1.35

Balsa

NOTE: This is light contest balsa - hobby store or kit stock may be up to 12-18 lb/cu ft!!!

6 lb Balsa x 1/4"	<i>calculated from density</i>	56.70	27.0x	0.394	0.01389	2.000	510.3	18.00
4 lb Balsa x 1/4"	<i>calculated from density</i>	37.80	18.0x	0.263	0.00926	1.333	340.2	12.00
6 lb Balsa x 1/8"	<i>calculated from density</i>	28.35	13.5x	0.197	0.00694	1.000	255.2	9.00
4 lb Balsa x 1/8"	<i>calculated from density</i>	18.90	9.0x	0.131	0.00463	0.667	170.1	6.00
6 lb Balsa x 1/16"	<i>calculated from density</i>	14.18	6.8x	0.098	0.00347	0.500	127.6	4.50
4 lb Balsa x 1/16"	<i>calculated from density</i>	9.45	4.5x	0.066	0.00231	0.333	85.1	3.00

Coverings and Covering Adhesives

Monokote	Red	7.40	3.5x	0.051	0.00181	0.261	66.6	2.35
Econokote	White	6.75	3.2x	0.047	0.00165	0.238	60.8	2.14
Monokote	Clear	6.00	2.9x	0.042	0.00147	0.212	54.0	1.90
Monokote	Trans Red	5.75	2.7x	0.040	0.00141	0.203	51.8	1.83
Litespan	White (w no adhesive)	5.75	2.7x	0.040	0.00141	0.203	51.8	1.83
Litespan	Red (w no adhesive)	4.75	2.3x	0.033	0.00116	0.168	42.8	1.51
Micafilm	Trans Red (w no adhesive)	4.25	2.0x	0.030	0.00104	0.150	38.3	1.35
Ultracote Lite	Clear	3.75	1.8x	0.026	0.00092	0.132	33.8	1.19
Airspan	Red (with no adhesive)	2.30	1.1x	0.016	0.00056	0.081	20.7	0.73
Micafilm	Clear/White (w no adhesive)	2.25	1.1x	0.016	0.00055	0.079	20.3	0.71
Airspan	White (w no adhesive)	2.10	1.0x	0.015	0.00051	0.074	18.9	0.67

Measurements by Joel A. Foner 10/97-1/98

Notes:

Samples were weighed using an Ohaus beam balance (0.01 gm accuracy)

Balsa weights weights were calculated based on the listed density (lb / cu ft)

(6 lb / cu ft = 1.575 gm / cu in, 4 lb / cu ft = 1.05 gm / cu in)

*** Micafilm requires an adhesive, which is not included in these measurements