



TO FIND THE WEIGHTS OF SPECIAL SIZES OF PAPER

The schedule below allows you to find the M weight (weight of 1000 sheets) of any special size sheet. The length x width of the sheet gives you the number of square inches in the special size sheet. If you then multiply this figure times the Constant Factor (weight of 1000 sheets one inch square) you will get the M weight of that special size.

Example:

You estimate you need a special sheet size of 27 x 39 Basis 70 White #3 offset. Multiplying 27 x 39 you get 1053 sq. inches. Under "Book Paper" you get a Constant Factor figure of .1474 for 70#. 1053 x .1474 equals 155.2122 or 155 lbs. per 1 M sheets 27 x 39.

CONSTANT FACTOR SCHEDULE

BOOK PAPER		NEWSPRINT, TAG, KRAFT	
Basis Wt. 25 x 38/500	1000 Sheet Factor	Basis Wt. 24 x 36/500	1000 Sheet Factor
25	.0526	32	.0741
30	.0632	34	.0787
35	.0737	35	.0810
40	.0842	40	.0926
45	.0947	50	.1157
50	.1053	60	.1389
60	.1263	100	.2315
70	.1474	125	.2894
80	.1684	150	.3472
100	.2105	175	.4051
120	.2526	200	.4630
140	.2947	250	.5787
150	.3158		

BRISTOL		BRISTOL		INDEX BRISTOL	
Basis Weight 22Z\ x x 28Z\ x/500 Factor	1000 Sheet	Basis Weight Factor	1000 Sheet	Basis Weight Factor	1000 Sheet
67	.2090	100	.2484	90	.2314
80	.2489	125	.3106	110	.2829
82	.2573	150	.3727	140	.3600
90	.2807	175	.4348	170	.4372
100	.3119	200	.4969	220	.5657
120	.3743	250	.6211		
140	.4366				
160	.4990				
180	.5614				
200	.6238				

BONDS, WRITINGS, LEDGER		COVER PAPER	
Basis Wt. 17 x 22/500	1000 Sheet Factor	Basis Wt. 20 x 26/500	1000 Sheet Factor
8	.0428	50	.1963
9	.0481	60	.2308
11	.0588	80	.3077
12	.0642	90	.3462
13	.0695	100	.3846
16	.0856	130	.5000
20	.1070		
24	.1283		
28	.1497		
32	.1711		
36	.1925		

The FACTORS listed above represent the WEIGHT OF 1000 SHEETS, ONE INCH SQUARE