

End Paper Weight and Size Confusion

In an effort to help eliminate the Paper Weight and Size confusion, we have compiled the comprehensive tables listed below. Now you can compare various types of paper and their Equivalent Weights, and International Metric Sizes.

Caliper refers to the thickness of a sheet of paper expressed in thousandth of an inch.

The greater the caliper (the thicker the paper), the greater the paper weight.

POINTS: Every POINT=.001 inch / For Example: 10 pt card = .010in.

Equivalent Weight In LBS. (#)- Bond, Offset, Cover, Tag, and Index

Bond / Ledger	Offset / Text	Cover	Tag	Index	Points	*Caliper (inches)	Millimeters	Metric
								(grams/sq meter)
16	40	22	37	33	3.2	0.0032	0.081	60.2 gsm
18	45	24	41	37	3.6	0.0036	0.092	67.72 gsm
20	50	28	46	42	3.8	0.0038	0.097	75.2 gsm
24	60	33	56	50	4.8	0.0048	0.12	90.3 gsm
28	70	39	64	58	5.8	0.0058	0.147	105.35 gsm
29	73	40	62	60	6	0.006	0.152	109.11 gsm
31	81	45	73	66	6.1	0.0061	0.155	116.63 gsm
32			74	67				120 gsm
35	90	48	80	74	6.2	0.0062	0.157	131.68 gsm
36	90	50	82	75	6.8	0.0068	0.173	135.45 gsm
39	100	54	90	81	7.2	0.0072	0.183	146.73 gsm
40	100	56	93	83	7.3	0.0073	0.185	150.5 gsm
43	110	60	100	90	7.4	0.0074	0.188	161.78 gsm
44	110	61	102	92	7.6	0.0076	0.193	165.55 gsm
47	120	65	108	97	8	0.0078	0.198	176.83 gsm
53	135	74	122	110	9	0.0085	0.216	199.41 gsm
54	137	75	125	113	9	0.009	0.229	203.17 gsm
58	146	80	134	120	9.5	0.0092	0.234	218.22 gsm
65	165	90	150	135	10	0.0095	0.241	244.56 gsm
67	170	93	156	140	10.5	0.01	0.25	252.08 gsm
72	183	100	166	150	11	0.011	0.289	270.9 gsm
76	192	105	175	158	13	0.013	0.33	285.95 gsm
82	208	114	189	170	14	0.014	0.356	308.52 gsm
87	220	120	200	180	15	0.015	0.38	312 gsm
105	267	146	244	220	18	0.0175	0.445	385.06 gsm

* The darker colored boxes above represent the "most common paper weights" for that category.

* Normal paper manufacturing tolerance within a paper production run is + or - 5% to 7% caliper.

* The Values in the tables are intended to serve as a guide only.

* Similar weight papers may vary between paper manufacturers.

International Metric Paper Sizes - ISO Standard

SIZE	WIDTH	HEIGHT	WIDTH	HEIGHT
A0	841 mm	1,189 mm	33.11 in.	46.81 in.
A1	594 mm	841 mm	23.39 in.	33.11 in.
A2	420 mm	594 mm	16.54 in.	23.39 in.
A3	297 mm	420 mm	11.69 in.	16.54 in.
A4	210 mm	297 mm	8.27 in.	11.69 in.
A5	148 mm	210 mm	5.83 in.	8.27 in.
A6	105 mm	148 mm	4.13 in.	5.83 in.
A7	74 mm	105 mm	2.91 in.	4.13 in.
B0	1,028 mm	1,456 mm	40.48 in.	57.32 in.
B1	728 mm	1,028 mm	28.66 in.	40.48 in.
B2	514 mm	728 mm	20.24 in.	28.66 in.
B3	364 mm	514 mm	14.33 in.	20.24 in.
B4	257 mm	364 mm	10.12 in.	14.33 in.
B5	182 mm	257 mm	7.17 in.	10.12 in.
B6	128 mm	182 mm	5.04 in.	7.17 in.

* **Bold** represents common international paper size.