



**AVERAGE CALIPER BULKING CHART**

These are averages. Variations will be found if paper is run on light or heavy side of basic substance weight, depending on various mill runs. The thicker the caliper, the wider the variation.

	<b>Basis</b>	<b>Thickness</b>
<b>Bond, Cotton Fiber</b>	13	.0025
(Flat Finish)	16	.003
<b>17 x 22</b>	20	.0035
	24	.004
(Cockle Finish)	13	.003
	16	.0035
	20	.004
	24	.00475
<b>Bond, Sulphite</b>	13	.003
<b>17 x 22</b>	15	.0035
	20	.004
	24	.0045
<b>Ledger</b>	24	.004
<b>17 x 22</b>	28	.005
	32	.0055
	36	.006
<b>Coated Book</b>	60	.003
(Gloss)	70	.0035
<b>25 x 38</b>	80	.004
	100	.005
	120	.006
<b>Coated Book</b>	70	.004
(Dull)	80	.0045
<b>25 x 38</b>	50	.00375
<b>Offset</b>	80	.0045
(Regular Finish)	70	.005
<b>25 x 38</b>	80	.0055
	100	.007
	120	.008
	150	.010

	<b>Basis</b>	<b>Thickness</b>
<b>Cover</b>	60	.0055
(Coated)	80	.008
<b>20 x 26</b>	100	.010
<b>Cover</b>	50	.0065
(Antique)	65	.0095
<b>20 x 26</b>	80	.0115
	D.T.	.019
<b>Index Bristol</b>	90	.007
(Sulphite)	110	.0085
25Z\X x 30Z\X	140	.011
<b>Printing Bristol</b>	100	.011
(Antique)	120	.014
<b>22Z\X x 28Z\X</b>		
(Plate)	100	.009
	120	.011
<b>Tag</b>	100	.007
<b>24 x 36</b>	125	.009
	150	.011
	175	.013
	200	.015
	<b>Ply Thickness</b>	
<b>Board</b>	3	.015
<b>22 x 28</b>	45	.018
	6	.024
	8	.030
	10	.036

**HOW TO DETERMINE BULK OR THICKNESS OF BOOK**

To determine the bulk of a given number of pages: Caliper eight pages or four thicknesses (fold a sheet of paper twice). Then multiply the amount of points by the given number of pages; then divide by eight.

**Problem:** Eight pages, caliper .020. What will 320 pages bulk?

**Answer:**  $\frac{320 \times .020}{8} = \frac{6.400}{8} = .800$  or approximately 3/4" plus.

To determine the number of pages per inch: Caliper eight pages (see above) then divide the number of points into 8.

**Problem:** Eight pages, caliper .016. How many pages per inch?

**Answer:**  $\frac{8000}{.016} = 500$  pages per inch