

paper thickness chart

The tables below show the approximate caliper (or thickness) for a single sheet of paper of various grades and basis weights. Caliper is expressed in thousandths of an inch. With these tables you can quickly look up the caliper for various kinds of paper.

These tables are organized by grade, with the left column listing selected standard basis weights for that grade, and the right column listing the average caliper for a given grade/basis weight of paper.

Forms Bond

STD. PAPER SIZE	BASIS WT.	CALIPER
17" × 22"	10	.002
	11.5	.0022
	12	.0025
	13.5	.00275
	15	.003
	16	.00325
	18	.0035
	20	.004
	24	.0045
	28	.0052
	32	.006

Offset (Regular Finish)

STD. PAPER SIZE	BASIS WT.	CALIPER
25" × 38"	50	.004
	60	.0045
	70	.005
	80	.006
	100	.007

Cover (Uncoated)

STD. PAPER SIZE	BASIS WT.	CALIPER
20" × 26"	50	.0065
	65	.0095
	80	.0115

Cover (Gloss Coated)

STD. PAPER SIZE	BASIS WT.	CALIPER
20" × 26"	60	.0055
	65	.006
	80	.0075
	100	.0095
	120	.012

Coated Book (Gloss)

STD. PAPER SIZE	BASIS WT.	CALIPER
25" × 38"	60	.0029
	70	.0035
	80	.0038
	100	.0048

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STD. PAPER SIZE	BASIS WT.	CALIPER
25½" × 30½"	90	.007
	110	.009
	140	.011

Vellum Bristol Cover

STD. PAPER SIZE	BASIS WT.	CALIPER
22½" × 28½"	57	.007
	67	.009
	80	.010

Coated Book (Dull)

STD. PAPER SIZE	BASIS WT.	CALIPER
25" × 38"	60	.00325
	70	.0037
	80	.00425
	100	.0054

Cover (Dull Coated)

STD. PAPER SIZE	BASIS WT.	CALIPER
20" × 26"	80	.0085
	100	.011

Ledger

STD. PAPER SIZE	BASIS WT.	CALIPER
17" × 22"	24	.004
	28	.005
	32	.006
	36	.007

Tag

STD. PAPER SIZE	BASIS WT.	CALIPER
24" × 36"	100	.007
	125	.009
	150	.011
	175	.013
	200	.015

U.S. Postal Service: Paper Stock Dimensions, Shape and Caliper Standards for Automation Letters

Each letter-size piece must be rectangular and:

- For **HEIGHT**, no more than 6.125" or less than 3.5" high.
- For **LENGTH**, no more than 11.5" or less than 5" long.
- For **THICKNESS**, no more than 0.25, or less than...
 - 0.007 inch thick if no more than 4.25" high and 6" long; or
 - 0.009 inch thick if more than 4.25" high or 6" long or both.

For further information on the specifications regarding paper stock and dimensions for mailings, please visit the U.S. Postal Service website at www.usps.com