

Info on paper can be found on the link on the following pages, as well as the weight and point (pt) chart.

20 lb (75 gsm): **Standard copy paper** used for everyday printing and document reproduction. Perfect for internal memos and drafts where function trumps form.
https://www.printingcenterusa.com/blog/paper-weight-guide-how-to-choose/?srsltid=AfmBOoo_wlBliDp1KV_qAEIX3HYQ5uh91jISYtFheALg37VZhTPypvGR

TEXT	COVER	GSM	CALIPER	COMMON USES
25 lbs		40 gsm		Tracing Paper
40 lbs		60 gsm		Newspaper
50 lbs		74 gsm		Standard Printer Paper
60 lbs		89 gsm	3 pt	Book Pages, Notepads, Letterheads
70 lbs		104 gsm	3.5 pt	Book Pages, Envelopes, Flyers
80 lbs		118 gsm	4 pt	Book Pages, Posters, Brochures, Flyers
	60 lbs	162 gsm	5.5 pt	Book Pages, Posters, Brochures
	80 lbs	216 gsm	8 pt	Book Cover
	100 lbs	271 gsm	10 pt	Book Cover, Postcards, Door Hangers
	110 lbs	298 gsm	12 pt	Business Cards
	120 lbs	325 gsm	14 pt	Book Cover, Greeting Cards, Business Cards, Greeting Cards, Invitations, Folders, Door Hangers
	130 lbs	400 gsm	16 pt	Business Cards, Invitations, Door Hangers
		460 gsm	18 pt	Business Cards, Non-folding Invitations
		590 gsm	24 pt	Double or Triple layered stock for Business Cards, Non-folding Invitations
		1000 gsm	38 pt	Double or Triple layered stock for Business Cards, Non-folding Invitations
			60 pt	Hardcover Book Cover

The values shown in the above chart are for reference purposes only, and may vary depending on the type of paper or cardboard material.

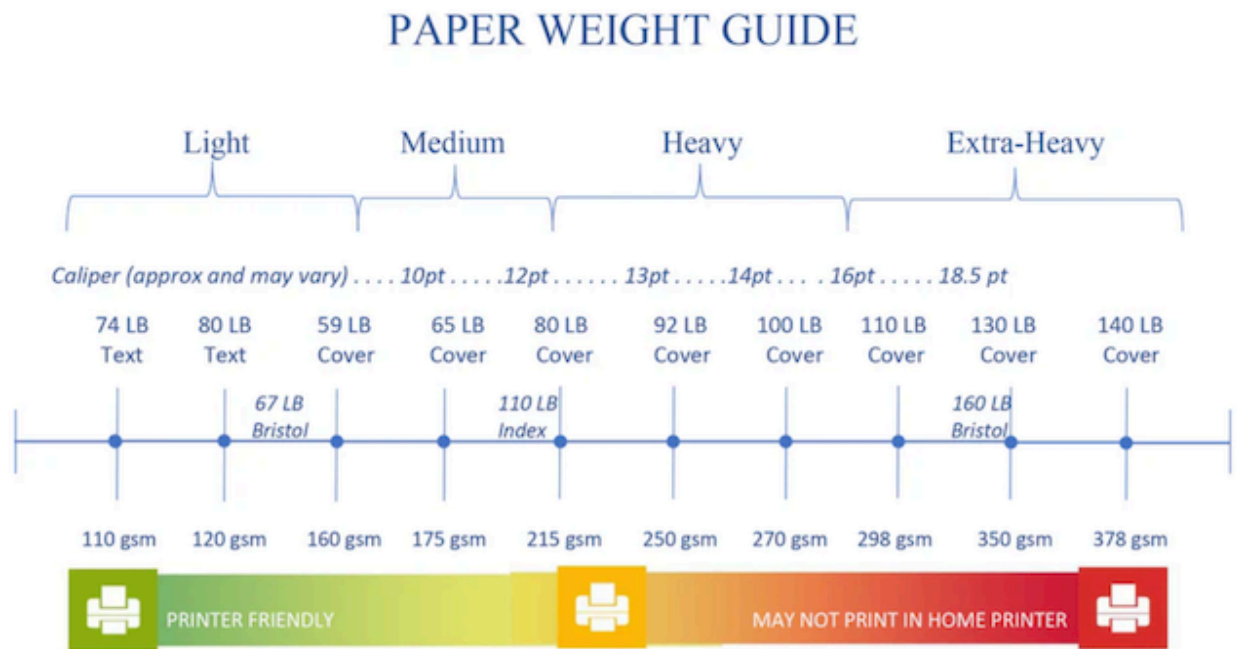
ALL YOU NEED TO KNOW ABOUT CARDSTOCK PAPER WEIGHT AND THICKNESS

<https://www.elegantepress.com/blog/all-you-need-to-know-about-card-stock-paper-weight-and-thickness/>

Choosing the Right Paper Thickness for Printing: A Detailed Paper Weight Guide

https://www.printingcenterusa.com/blog/paper-weight-guide-how-to-choose/?utm_term=what%20thickness%20is%20printer%20paper&utm_campaign=&utm_source=adwords&utm_medium=ppc&gad_source=1&gclid=CjwKCAjw9eO3BhBNEiwAoc0-jcmyVflkK qUWGWmjljdDcumEwkvjcO76T2aJBfVumqt8Xq1CWpwjRoCS4QQA vD Bw E

Details include: Writing and Office Papers (20-50 lb | 75-90 gsm), Text Papers (60-100 lb | 89-148 gsm), Light Cardstocks (58-70 lb | 157-190 gsm), Midweight Cardstocks (80-100 lb | 216 – 280 gsm), Heavy Cardstocks (110-130 lb | 298-352 gsm), Specialty Papers (140 lb and up | 378 gsm and more)



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Paper Weight Guide - a lot of info about paper/cardstock/chipboard, etc.

<https://www.cardstock-warehouse.com/pages/cardstock-paper-basis-weight-chart>

Conclusions

While apparent size plays a role in how much detail and what size details are important to include on a structure, it does NOT dominate the considerations when building and detailing a structure.

Modelers like to photograph their trains up close with structures and scenery in the photograph.

That means that the lens, camera or eye, is refocusing for close viewing.

The dominate factor then becomes; how small can the detail parts actually be created.

Discovering the **one by** relationship was eye opening.

1 x 4 (0.75" x 3.5") in various scales

Note that wood is not really workable at these thicknesses and the widths are pretty thin as well.

O scale (1:48) 0.015625" x 0.0729167", about 1/64" x 5/64", about 0.40mm x 1.85mm

0.015625" is 15pt ~ 100lb. or ~270 gsm Cover paper

S scale (1:64) 0.0117188" x 0.0546875", about 0.30mm x 1.39mm

0.0117188" is 12pt ~80lb. or 215gsm Cover or 110lb. Index

HO scale (1:87) 0.0086207" x 0.0402299", about 0.22mm x 1mm

0.0086207" is 9pt ~59lb. or ~160gsm Cover or 67lb. Bristol board

N scale (1:160) 0.0046875" x 0.021875", about 0.12mm x 0.56mm

0.0046875" is 5.5pt ~60lb. or ~162gsm Cover

I believe that this is why "paper" structures can look more realistic than wood or plastic.