



REVLAR print settings and pro tips

This document is primarily intended for production printers because we use technical terms and offer suggestions for more advanced printing techniques. However, we have made it available to all customers because some of the tips on the second page are meant for any skill level and will help anyone when printing on synthetic paper. Please don't hesitate to reach out to us if you have questions.

REVLAR can be printed on laser printers, offset printers and flexo printers. Most desktop laser printers will run our 8.5" x 11" 3.7 mil - 7.7 mil REVLAR without a setting adjustment. Larger sizes or higher mils will need to be printed on a larger printer and you might need to adjust your print settings in order to ensure optimum runnability with REVLAR.

All printer brands and models have slightly different settings, so it would be impossible to cover exact settings in this document. But we can give you the tools you'll need - with general settings and tips - to get printing. Grab your printer's user guide and let's get started!

Print settings:

First up, make sure you're using a printer that can handle your product's gsm (weight). To confirm your gsm, please check the label on your package. We've provided a chart to the right with all of our synthetic product weights.

When you go to print your file, change the media/paper type to match the gsm (weight) of the REVLAR product you have. Note: different media settings change the temperature and speed of the printer.

For example, using a glossy paper setting causes the machine to run the fuser at a higher temperature than a plain paper or synthetic paper setting and the lighter you set the gsm, the faster the paper will run through the machine.



Because every printer is different, we recommend that you do some test printing with different media type settings to see which gives you the best results. In general, if your printer has a synthetic paper setting, that's the one to use.

Overall, when determining your printer settings, we recommend that you choose settings that maintain:

- Lower fuser temperature
- Slower run
- Straight path through the printer

Pro tips for best results:



- Allow the paper to acclimate to the printer's room for 24 hours prior to printing.
- Fan sheets on all edges before loading into the feed drawer in order to reduce static.
- Any unused paper should be stored in its original box.

Paper Type	Thickness	Weight	Melting Point
REVLAR Premium			
Premium White	3.7 mil	125 gsm	>450° F
Premium White	4.7 mil	155 gsm	>450° F
Premium White	5.7 mil	198 gsm	>450° F
Premium White	7.7 mil	258 gsm	>450° F
Premium White	10.7 mil	368 gsm	>450° F
Premium White	13.7 mil	510 gsm	>450° F
Premium Pastel	5 mil	172 gsm	>450° F
Premium Vibrant	5 mil	172 gsm	>450° F
Premium Die-Cut	7.7 mil	258 gsm	>450° F
Low Tack Removable Label	4 mil	294 gsm	>400° F
Permanent Gloss Label	2 mil	198 gsm	>400° F
Permanent Matte Label	2 mil	198 gsm	>400° F
Permanent Clear Label	2 mil	198 gsm	>400° F
Marine Grade Label	2 mil	245 gsm	>400° F
REVLAR Select			
Select White	4.7 mil	150 gsm	>450° F
Select White	7.7 mil	250 gsm	>450° F
REVLAR Soft			
Soft White	8 mil	200 gsm	>285° F
Soft White	10 mil	250 gsm	>285° F
Soft White	12 mil	300 gsm	>285° F

Finishing:

- Holes: To make holes, you should punch or die-cut. Drilling should be avoided because heat generated by drilling can cause the material around the edges of the holes to weld together.
- Cutting: REVLAR can be cut on a standard guillotine paper cutter. We recommend that chipboard be placed on top of the paper prior to cutting to prevent the clamps from leaving any markings.
- Perforating: A micro-perf is best for ease of tearing.
- Folding: We recommend scoring a rigid synthetic paper (REVLAR Premium or REVLAR Select) before folding to ensure it keeps its fold memory, while softer synthetics (REVLAR Soft) can be folded by hand or machine.
- Binding: REVLAR can be stapled or punched for Wire-O, GBC or spiral binding. We recommend that you do a test run to determine the best binding option.

Troubleshooting:

- If you're having static or image quality issues, we recommend that you maintain printer room humidity at 45% or higher. Fanning sheets also makes a huge difference with static, so make sure to fan the papers regularly throughout the run.
- If you're seeing streaks or residue from a large run on synthetic paper, try running some plain paper in the same tray to clean out the fuser and print path.

Disposal:

REVLAR can be recycled as a plastic, not as a paper. We recommend you check in with your local recycling services for your options.



- REVLAR Premium & REVLAR Select are classified as a #1 plastic.
- REVLAR Soft is a #7 plastic.

Of course, we're always just a phone call or an email away.
Reach out to us if you need more assistance than this document can provide.

Phone: 1-800-777-7359 | Email: info@relyco.com | Web: www.relyco.com
