

REVLAR Comparison & FAQs

One brand, three outstanding products

The REVLAR brand includes three of our synthetic paper products. Each product is designed to align with specific customer needs, applications and budgets. Explore each waterproof option in more depth below.

Comparison chart

The key features below can help you pick the best fit for your project and printer.

	REVLAR Premium	REVLAR Select	REVLAR Soft
Durability	waterproof & tear-proof	waterproof & tear-proof	waterproof & tear-proof
Stiffness	rigid	rigid	soft
Foldability	scoring recommended	scoring recommended	easy to fold
Base Material	polyester	polyester	polyolefin
Coating	aqueous	solvent	aqueous
Thickness	3.7 - 13.7 mil	4.7 & 7.7 mil	8 - 12 mil
Weight	125 - 510 gsm	150 & 250 gsm	200 - 300 gsm
Printer Compatibility	laser, offset & flexo	laser, offset & flexo	production laser, offset & flexo
Melting Point	450° F	450° F	302° F
Opacity	96%	95%	90%
Brightness	95%	94%	93%
Price Point	\$\$\$	\$\$	\$

FAQ's

These are the frequently asked questions we often encounter when folks are exploring our waterproof synthetic paper options.

1. What is the main difference between REVLAR Premium, Select and Soft?

Premium and Select are rigid synthetics, while Soft is a more pliable soft synthetic.

2. If both Premium and Select are rigid, what is the difference between the two?

Premium and Select are made of the same base/core material, but Select has an industrial coating that is thinner than the coating used on Premium.

3. What is the material that REVLAR is made of?

Premium - polyester | Select - polyester | Soft - polyolefin



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4. Are all the REVLAR papers waterproof and tear-proof?

Yes.

5. If the three products are all waterproof and tear-proof, do they also last as long as each other?

Yes, they all have the same long lifespan.

6. Do I need a special printer to run REVLAR papers?

They will run on laser printers, offset printers and flexo printers.

7. My project requires folding, can these papers be easily folded?

REVLAR Soft can be easily folded by hand or machine. We recommend scoring REVLAR Premium or REVLAR Select before folding, to ensure the piece keeps its fold memory.

8. What is the recyclability of REVLAR?

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.

9. Do all these papers share the same print quality?

All REVLAR products will produce a quality image, with REVLAR Premium producing the best pop!

10. Which mils and sizes are available for REVLAR?

Paper Type	Weight	8.5"x11"	8.5"x14"	11"x17"	12"x18"	13"x19"
Premium White 3.7 mil	125 gsm	•			•	
Premium White 4.7 mil	155 gsm	•	•	•	•	•
Premium White 5.7 mil	198 gsm	•		•	•	
Premium White 7.7 mil	258 gsm	•	•	•	•	•
Premium White 10.7 mil	368 gsm	•	•	•	•	•
Premium White 13.7 mil	510 gsm	•			•	
Premium Colors 5 mil	172 gsm	•				
Premium Die-Cuts 7.7 mil	258 gsm	•				
Premium Low Tack Labels 4 mil	294 gsm	•			•	
Premium Permanent Labels 2 mil	198 gsm	•			•	
Premium Marine Grade Label 2 mil	245 gsm	•			•	
Select White 4.7 mil	150 gsm	•		•	•	
Select White 7.7 mil	250 gsm	•		•	•	
Soft White 8 mil	200 gsm	•		•	•	•
Soft White 10 mil	250 gsm	•		•	•	•
Soft White 12 mil	300 gsm	•		•	•	•