

# Print Paper Options

Robin Imaging has a wide selection of printing papers. This is just a brief description of each. For more assistance in selecting the right paper for your needs, please contact one of our design specialists at 513-381-5116 or email [info@RobinImaging.com](mailto:info@RobinImaging.com).

## How to Compare Papers

Attached is a chart that helps you rate various papers. They are rated 1-5 with the highest or best rating being a 5. These ratings are all in relation to our other papers. Just because a paper rates a 1 or a 2 does not mean it is a bad paper. It just means that others rate higher in that characteristic.

### White

The whiter a paper is the brighter the print is going to appear. In some cases, you may want to choose a paper that is less white for a softer look. Bright whites (numbers over 90) are generally achieved by using Optical Brightness Additives (see below). White levels are not available on some papers.

### D-Max

D-Max stands for maximum density. The higher the D-Max, the blacker the black. Generally, a high D-Max is associated with glossy finishes.

### Color Gamut

The color gamut is the range of colors that can be produced. This is affected somewhat by the paper, but is primarily a function of printer and inks used. This can be particularly important with pastels, bright red, green, and orange.

### Life Span

The life span on our papers range from around 25 years to 400 years. The exact life span is highly dependent on the display conditions.

### Durability

Some papers produce wonderful looking results but are very easy to damage. In many cases the most expensive papers are also the most fragile. Fine Art papers should always be handled with extreme care.

### Price

This is just to give you an idea of where the prices rank in relation to other papers.

### Technology

The type of printer used has a lot of do with the color gamut, life span, look of the print. Pigmented inks produce the longest life.

### Finish

The finish has a lot to do with the contrast range of the print and how it is affected by light striking it. Glossy prints yield the greatest contrast, but also produce the most reflections. High gloss prints can produce a mirror like reflection. Satin prints will show a reflected glow from light striking it. Matte and velvet will not show any reflections. For prints being laminated or mounted to acrylic we recommend the use of gloss papers.

### Surface

This is the texture of a paper. In most cases the surface is similar to the finish. One of the few exceptions to that is Fine Art Pearl. This has a slightly textured surface with a gloss finish.

### Optical Brightener Additive (OBA)

OBAs make whites appear whiter by taking UV light and converting it to white. This is what gives exceptionally bright whites. It causes whites to glow under black lights. The whites in papers with OBAs will be cooler than in papers with no OBAs. One disadvantage from OBAs is that color will look different under different types of light. Two colors that appear to match under one type of light may look quite different under another type of light. OBAs will also fade in 10 – 25 years making the color look different. If you want the brightest white possible, use a paper with OBAs. If you are looking for exact color match and archival characteristics, use a non-OBA paper, or at least one with low OBA content.

## Fine Art Papers

All of our fine art papers should be displayed behind glass. They have exceptional quality, but like all fine art they must be handled with extreme care to prevent scratching. They are printed using pigmented inks on our Epson P20000 and P9000 printers for exceptional color gamut and long life.

### Hahnemühle Photo Rag® Ultra Smooth

100% cotton paper. It has a smooth surface texture and an extremely large color gamut. Photo Rag® Ultra Smooth lends itself particularly well to premium photo prints. The exceptionally rich blacks achieved on this paper are due to the coating that keeps the ink on the surface, however this also makes it very easy to damage the surface. Always handle this paper with great care to avoid scratches. Contains some OBA | ISO Brightness 94 | Weight 308 gsm.

This is our most popular paper. Use for art reproductions or premium photo. Great for portraits.

### **Hahnemühle Fine Art Pearl**

100% alpha-Cellulose paper with optical brighteners allowing the brightest whites available in a fine art paper. It has a smooth, uniform surface texture with a unique pearl coating. It is especially suitable for black and white and color photography. The bright white of FineArt Pearl enables impressive contrasts and pictorial depth in black and white or color photography. Contains OBAs | ISO Brightness 105 | Weight 285 gsm.

Use for premium photo.

### **Hahnemühle Bamboo**

Our most environment friendly paper. Acid free, made from 90% bamboo and 10% cotton. It has a natural warm-toned matte finish. OBA free | Whiteness 83 | Weight 290 gsm.

Use for art reproductions when you want a soft look with a warm white tone.

### **Somerset Velvet**

Acid free, 100% cotton rag with a radiant white surface for rich details and accurate reproduction. This paper has more texture than Photo Rag. Contains OBAs | ISO Brightness 96. | Weight 255 gsm | 19 mil.

Use for art reproductions where you want to get a soft look.

### **Moab Entrada Natural Rag 300**

Entrada is 100% cotton with no OBA and a soft white, natural background. This paper conveys a feeling of warmth and softness. It has a slight tooth to it. No OBA's | ISO Brightness 84 | Weight 300 gsm, 22.5 mil.

Use for art reproductions where you want to get a soft warm feel.

## **Fine Art Photo Papers**

Our Fine Art Photo papers are not quite as delicate as the Fine Art papers, but we still recommend either displaying behind glass or laminating for maximum life. They are printed using pigmented inks on Epson P20000 and P9000 printers for exceptional color gamut and long life.

### **Enhanced Matte Paper**

A high-quality wood fiber matte paper for use when premium paper is not required. Contains OBAs | ISO Brightness 104 | 192 gsm | 10.3 mil.

Use for photo or art reproductions. It makes a very professional looking print at a modest price.

### **Epson Premium Luster**

Premium Luster Photo Paper delivers highly saturated prints by offering maximum ink coverage and a high D-Max for true photographic reproductions. Its 10-mil RC base gives prints a photographic feel. Contains OBAs | ISO Brightness | 97% | 240 gsm | 10 mil.

Use for photos when you don't want the hard look of a gloss surface.

### **Epson Premium Gloss**

Highest color gamut available for vivid color reproduction RC paper base for photo prints. The surface is a high gloss. contains ISO Brightness 92 | .260 gsm | 10 mil.

Use for high end photo or any image that will be laminated or mounted to acrylic.

### **Epson Metallic Gloss**

A RC paper base with a reflective metallic glossy finish. The metallic look varies by subject matter. Good choice for acrylic mounting. ISO Brightness 81 | .260 gsm | 10.5 mil.

Use when you want to get just a little more zing in your images. The metallic look shows up primarily in golds and silvers. You do not notice it at all in earth tones with texture. It works great with acrylic.

### **Moab Slickrock Metallic Silver**

This is like no other paper in our selection list. Moab Slickrock Metallic Silver 300 is an ultra-shiny, true metallic inkjet paper for vivid image reproduction. The metallic surface produces images that jump off the paper. Instead of the traditional white base, this paper looks silver. Whites in the subject will look silver. Basis weight: 300 gsm, | 12 mil.

Use this paper when you want to get a truly metallic look. It works great with acrylic.

## **Wall Décor**

Our wall décor prints are produced with solvent, and piezoelectric technology. They provide have a larger dynamic range than silver halide prints providing a high-quality product at a lesser price than our fine art prints.

### **Photo Gloss**

Printed on Fuji thick base professional paper with a Fuji DL650 using a 6-color piezoelectric inkjet system. The surface is a moderate gloss. They are available in traditional photo sizes from wallet to 12x18 with or without borders.

Use for photo

### **Photo Luster**

Printed on Fuji thick base professional paper with a Fuji DL650 using a 6-color piezoelectric inkjet system. They are available in traditional photo sizes from wallet to 12x18 with or without borders.

Use for photo

### **C-Print Semi-Gloss**

These moderately priced prints replaced our Chromira silver halide prints. They are printed on a 10-color solvent inkjet and have a much larger color gamut than either Chromira or Lambda prints. They are available in

any size from 11x14 – 60x120. The surface is more of a satin than high gloss. 9mil | Brightness: 99% | Opacity: 97%

Use for photo and when a laminate or acrylic are being used.

### **PosPro 200**

A blackout display film offering high image quality and exceptional durability. It is an affordable solution for many indoor applications. Whiteness 114 | 10.5 mil 220gsm.

Use for promotional roll up banners, retractable banners, POP displays and tradeshow graphics.

### **Premium Poster Paper**

This poster paper is water resistant and can be used indoors or outdoors. The image quality is suitable for framing. It is ideal for theater type posters and can even be applied to walls using starch based adhesives. The white point on this paper is a little warmer and darker than the C-Prints. Whiteness 84 | 9 mil | 212 g/m<sup>2</sup> | satin finish.

Use for short term outdoor use, economical prints for framing, or prints mounted to Gatorboard (laminating not required).

### **Economy Poster**

This is printed on the same poster paper listed above, but it is printed at draft level so there is not as much detail or color saturation.

Use for layouts and mock ups.

## **Modique Prints**

Modique prints are economical prints printed on a press using toners instead of liquid inks. All are printed on 12x18 paper, but can be trimmed as needed. The color gamut on these is not as large as it is with our other systems, so it is not possible to have these prints match other prints.

Use for quantity jobs where price is important. Quantity print prices go down significantly. Great for art reproductions to sleeve and sell at art shows.

### **Sundance Felt**

100 lb. Cover Stock

Felt Finish

Brightness 92

Note: the print image may not be totally solid due to the felt texture of the paper. It is not recommended for images with dark tones.

### **Via Radiant White Satin**

100 lb. Cover Stock

Satin Finish

Brightness 94

This is our most popular Modique paper.

### **Via Felt**

80 lb. Cover Stock

Felt Finish

Brightness 94

Note: print may not be totally solid due to the felt texture of the paper

### **Productolith Gloss**

12 pt. Cover

Semi-gloss front, uncoated matte back

Brightness 90

		Life Span	Durability	Color Gamut	D-Max	White Point	technology	Finish	Surface	OBA	Min. size	Max size
Fine Art	Photo Rag	5	1	5	4	94	pigment	matte	smooth	yes	5x7	60x100
	Fine Art Pearl	4	2	5	5	105	pigment	gloss	textured	yes	5x7	44x100
	Bamboo	5	3	4	4	83	pigment	matte	smooth	no	5x7	44x100
	Somerset Velvet	4	3	4	4	96	pigment	velvet	textured	yes	5x7	44x100
	Moab Entrada	5	3	4	4	84	pigment	matte	smooth	no	5x7	50x100
	Enhanced Matte	4	3	4	4	104	pigment	matte	smooth	yes	5x7	60x100
	Premium Luster	5	4	5	5	97	pigment	luster	smooth	yes	5x7	60x100
	Premium Gloss	5	4	5	5	92	pigment	gloss	smooth	yes	5x7	60x100
	Metallic Gloss	5	4	5	5	81	pigment	gloss	smooth	yes	5x7	44x100
	Slickrock Silver	4	4	4	4	NA	pigment	gloss	smooth	N/A	5x7	44x100

Wall Décor	Photo Gloss	3	4	2	4	NA	Piezoelectric	gloss	smooth	yes	wallet	11x14
	Photo Luster	3	4	2	4	NA	Piezoelectric	luster	smooth	yes	wallet	11x14
	C-Print semi-gloss	3	4	4	4	99	solvent	gloss	smooth	yes	11x14	60x120
	Premium Poster	3	5	3	3	84	solvent	satin	smooth	yes	11x14	60x120
	Economy Poster	2	2	2	2	91	solvent	matte	smooth	yes	11x14	60x120
	PosPro	4	5	3	3	84	solvent	matte	smooth	yes	11x14	60x120

Modique	Via Felt	1	1	1	2	94	toner	matte	textured	yes	12x18	12x18
	Via White Satin	1	1	1	2	94	toner	satin	smooth	yes	12x18	12x18
	Gloss	1	1	1	2	90	toner	gloss	smooth	yes	12x18	12x18
	Sundance	1	1	1	2	92	toner	satin	textured	yes	12x18	12x18