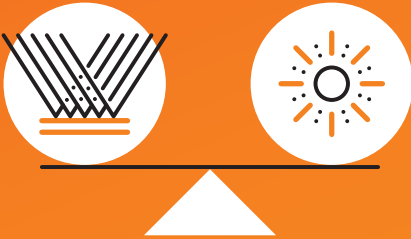


# 1. One big happy family.

Opus offers the broadest range of weights and finishes across sheet, web and digital formats. The family tree includes Opus PS, a solution optimized for direct mail — with superior glue-ability, fold-ability and caliper guarantees for predictable postage costs — and Opus Digital and Opus Digital for HP Indigo, which are optimized to perform across digital printing platforms. With unrivaled versatility, Opus delivers the right impression on multiple touchpoints.

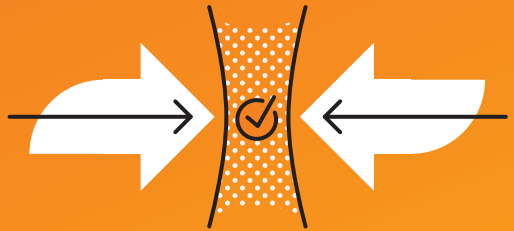


# 2. Striking the right balance.

Think of Opus as the happy marriage of opposites. On one side, shade determines how evenly light reflects from a surface. A neutral shade provides a full, balanced gamut of light, which can come at the cost of crisp, intense color. On the other side, brightness gives vibrancy and pop, but this can come at the cost of shifting some pastels and warmer tones to a bluer shade. Opus perfectly balances the two, delivering a full range of dynamic color — the perfect marriage to make your brand look its best.

# 3. Confidence comes standard.

Opus has the tightest tolerance standards of any premium paper in its category, delivering minimal variability within and across runs. Nothing else in the industry even comes close. Now *that* inspires confidence.



# The Fine Line of Sappi Papers

---

## Our Products

We engineer our products to meet specific user needs, but there are several attributes you'll get from every piece of Sappi paper:

- Superior quality
- High-grade fiber
- Smooth printing surface
- Consistent press performance
- Dependability in the toughest printing environments
- Superior ink hold-out for full color intensity
- Uniform color reproduction
- Side-to-side consistency
- Tight variability tolerances
- Made in the USA (McCoy, Opus, Somerset and Flo)

---

## Pioneering Research and Innovation

At Sappi, our passion for paper can be traced back over 150 years and is what guides us today. Our history of industry firsts includes the first paper coated and calendered on two sides, the first dull coated paper and the first mill branded paper. Our innovative spirit is also demonstrated in initiatives like the eQ Journal and Ideas that Matter program, which provide thought leadership for the entire paper industry.

---

## Sustainability

When you commit to a print campaign, you should be confident in your paper company's approach to sustainability. That's why we take a holistic view of our environmental responsibilities—from harvest through manufacturing, distribution, end use and disposal. From beginning to end, we infuse environmental and social responsibility into our paper, processes and people in order to give you one less thing to worry about.

- SFI® and FSC® Chain of Custody certified
- PEFC Chain of Custody certified available upon request for web
- Lacey Act compliant
- Over 70% of Sappi's total energy is derived from renewable resources
- Certified SmartWay Transport partner
- 10% recycled fiber in all Opus sheet products (web available upon request)

---

## Best-in-Class Service

We go way beyond technical specifications to help you choose the right paper for your brand and campaign needs. And once you're on press, our trusted printer technical support team stands ready to make sure your project turns out just right.

**sappi**

Inspired by life

For more information, please contact your local Sappi sales representative or call 800.882.4332.

Effective 05.17  
PRO - 6217



When your  
campaign needs  
to perform  
everywhere—

**Opus**

The fine line between  
complex and confident

sappi

**Paper isn't the most important thing on your mind. You're looking for a smart, comprehensive solution that meets all of your print campaign needs.**

That's why we've engineered Opus® for maximum impact across an extended range of weights and finishes<sup>(1)</sup>. The perfect balance of shade and brightness makes your brand jump off the page<sup>(2)</sup>. Opus also has tighter tolerance standards<sup>(3)</sup> than any of its competitors—and when your canvas is consistent, what you print stays consistent. Opus always delivers striking, reliable performance to meet the needs of any integrated marketing campaign.

## Opus—Sheets

FINISH	TEXT OR COVER	BASIS WEIGHT (LB/GSM)	BRIGHTNESS STANDARD	OPACITY STANDARD	GLOSS STANDARD	CALIPER AVERAGE	GUAR. CALIPER	PPI	THICKNESS (microns)	L*A*B* PAPER WHITE <sup>4</sup>
Gloss	Text	70/104	94	92.5	72	.0031		638	79	96.20, 1.45, -4.85
		80/118	94	93.5	72	.0036		552	91	96.20, 1.45, -4.85
		100/148	94	96.0	72	.0045		442	114	96.20, 1.45, -4.85
	Cover	65/176	94	97.0	72	.0056		356	142	96.20, 1.45, -4.85
		80/216	94	98.0	72	.0069		290	175	96.20, 1.45, -4.85
		100/270	94	99.0	72	.0091		220	231	96.20, 1.45, -4.85
		120/325	94	99.0	72	.0110		182	279	96.20, 1.45, -4.85
	130/352	94	99.0	72	.0120		168	305	96.20, 1.45, -4.85	
Dull	Text	70/104	94	92.5	43	.0033		602	84	96.20, 1.45, -4.85
		80/118	94	94.0	43	.0038		526	97	96.20, 1.45, -4.85
		100/148	94	96.0	43	.0049		410	124	96.20, 1.45, -4.85
	Cover	65/176	94	97.5	43	.0061		330	155	96.20, 1.45, -4.85
		80/216	94	98.0	43	.0075		268	191	96.20, 1.45, -4.85
		100/270	94	99.0	43	.0098		206	249	96.20, 1.45, -4.85
		120/325	94	99.0	43	.0117		170	297	96.20, 1.45, -4.85
	130/352	94	99.0	43	.0128		156	325	96.20, 1.45, -4.85	
Matte	Text	60/89	94	91.5	25	.0032		626	81	96.20, 1.45, -4.85
		70/104	94	93.5	25	.0039		514	99	96.20, 1.45, -4.85
		80/118	94	94.5	25	.0044		452	112	96.20, 1.45, -4.85
		100/148	94	97.0	25	.0057		352	145	96.20, 1.45, -4.85
	Cover	65/176	94	97.5	25	.0073	7pt <sup>2</sup>	272	185	96.20, 1.45, -4.85
		80/216	94	98.5	25	.0094		214	239	96.20, 1.45, -4.85

1 Matte Reply Card.

2 Guaranteed to meet U.S. Postal Service 7-point minimum business-reply requirements.

3 Guaranteed to meet U.S. Postal Service 9-point minimum business-reply requirements.

4 CIE L\*a\*b\* values are approximate and in conformance with ISO 13655:2009. Data are specified according to the measurement condition M0: measured using X-Rite eXact, D50, 2°observer, white (self) backing. Values may vary significantly when measured with different instruments. White point values in accordance with the measurement condition M1 are available upon request.

## Opus—Web

FINISH	TEXT OR COVER	BASIS WEIGHT (LB/GSM)	BRIGHTNESS STANDARD	OPACITY STANDARD	GLOSS STANDARD	CALIPER AVERAGE	GUAR. CALIPER	PPI	THICKNESS (microns)	L*A*B* PAPER WHITE <sup>4</sup>	
Gloss	Text	60/89	92	92.0	72	.0029		688	74	95.80, 1.45, -4.00	
		70/104	92	93.0	72	.0035		578	89	95.80, 1.45, -4.00	
		80/118	92	94.0	72	.0040		500	102	95.80, 1.45, -4.00	
		90/133	92	95.0	72	.0045		444	114	95.80, 1.45, -4.00	
	100/148	92	96.5	72	.0051		390	130	95.80, 1.45, -4.00		
	Cover	65/176	92	97.0	72	.0056		356	142	95.80, 1.45, -4.00	
		80/216	92	98.0	72	.0069		288	175	95.80, 1.45, -4.00	
	Dull	Text	60/89	92	93.0	43	.0030		658	76	95.80, 1.45, -4.00
70/104			92	93.5	43	.0036		562	91	95.80, 1.45, -4.00	
80/118			92	95.0	43	.0039		520	99	95.80, 1.45, -4.00	
100/148			92	96.5	43	.0050		402	127	95.80, 1.45, -4.00	
Cover		65/176	92	97.5	43	.0061		328	155	95.80, 1.45, -4.00	
		80/216	92	98.0	43	.0075		268	191	95.80, 1.45, -4.00	
Satin		Text	60/89	92	93.0	40	.0030		658	76	95.80, 1.45, -4.00
			70/104	92	94.0	40	.0036		562	91	95.80, 1.45, -4.00
	80/118		92	95.0	40	.0042		482	107	95.80, 1.45, -4.00	
	100/148		92	96.5	40	.0050		402	127	95.80, 1.45, -4.00	
	Cover	65/176	92	97.5	40	.0061		328	155	95.80, 1.45, -4.00	
		80/216	92	98.0	40	.0075		268	191	95.80, 1.45, -4.00	
	Matte	Text	60/89	92	91.5	25	.0032		626	81	95.80, 1.45, -4.00
			70/104	92	93.5	25	.0039		514	99	95.80, 1.45, -4.00
80/118			92	95.0	25	.0044		452	112	95.80, 1.45, -4.00	
100/148			92	97.0	25	.0057		352	145	95.80, 1.45, -4.00	
Cover		65/176	92	97.5	25	.0073	7pt <sup>2</sup>	272	185	95.80, 1.45, -4.00	

## Opus PS—Sheets

FINISH	TEXT OR COVER	BASIS WEIGHT (LB/GSM)	BRIGHTNESS STANDARD	OPACITY STANDARD	GLOSS STANDARD	CALIPER AVERAGE	GUAR. CALIPER	PPI	THICKNESS (microns)	L*A*B* PAPER WHITE <sup>4</sup>
Gloss	Cover	70/190	94	98.0	65	.0071	7pt <sup>2</sup>	282	180	96.20, 1.45, -4.85
		87/235	94	98.0	65	.0092	9pt <sup>3</sup>	218	229	96.20, 1.45, -4.85
Matte	Text <sup>1</sup>	105/155	94	97.5	25	.0072	7pt <sup>2</sup>	278	183	96.20, 1.45, -4.85
	Cover	80/216	94	98.5	25	.0092	9pt <sup>3</sup>	218	234	96.20, 1.45, -4.85

## Opus PS—Web

FINISH	TEXT OR COVER	BASIS WEIGHT (LB/GSM)	BRIGHTNESS STANDARD	OPACITY STANDARD	GLOSS STANDARD	CALIPER AVERAGE	GUAR. CALIPER	PPI	THICKNESS (microns)	L*A*B* PAPER WHITE <sup>4</sup>
Gloss	Cover	70/190	92	98.0	65	.0071	7pt <sup>2</sup>	282	180	95.80, 1.45, -4.00
		78/210	92	98.0	65	.0080		250	203	95.80, 1.45, -4.00
		87/235	92	98.0	65	.0092	9pt <sup>3</sup>	218	229	95.80, 1.45, -4.00
Dull	Cover	70/190	92	98.0	43	.0070	7pt <sup>2</sup>	286	178	95.80, 1.45, -4.00
		78/210	92	98.0	43	.0080		250	203	95.80, 1.45, -4.00
		87/235	92	98.0	43	.0092	9pt <sup>3</sup>	218	229	95.80, 1.45, -4.00
Matte	Text <sup>1</sup>	105/155	92	97.5	25	.0072	7pt <sup>2</sup>	278	183	95.80, 1.45, -4.00
	Cover	80/216	92	98.5	25	.0092	9pt <sup>3</sup>	218	234	95.80, 1.45, -4.00

## Opus—Digital and Opus—Digital for HP Indigo

FINISH	TEXT OR COVER	BASIS WEIGHT (LB/GSM)	BRIGHTNESS STANDARD	OPACITY STANDARD	GLOSS STANDARD	CALIPER AVERAGE	GUAR. CALIPER	PPI	THICKNESS (microns)	L*A*B* PAPER WHITE <sup>4</sup>
Gloss	Text	80/118	94	93.5	72	.0036		552	91	96.20, 1.45, -4.85
		100/148	94	96.0	72	.0047		442	119	96.20, 1.45, -4.85
	Cover	80/216	94	98.0	72	.0069		290	175	96.20, 1.45, -4.85
		100/270	94	99.0	72	.0091		220	231	96.20, 1.45, -4.85
		120/325	94	99.0	72	.0110		182	279	96.20, 1.45, -4.85
Dull	Text	80/118	94	93.5	43	.0038		526	97	96.20, 1.45, -4.85
		100/148	94	96.0	43	.0049		410	124	96.20, 1.45, -4.85
	Cover	80/216	94	98.0	43	.0075		268	191	96.20, 1.45, -4.85
		100/270	94	99.0	43	.0098		206	249	96.20, 1.45, -4.85
		120/325	94	99.0	43	.0117		156	297	96.20, 1.45, -4.85



For more information about Opus, please visit [sappi.com/Opus](http://sappi.com/Opus) or scan the QR code.

#### Production Notes

Opus Dull Cover 80lb/216gsm, 4-color process plus spot gloss and dull varnishes.

Sappi North America  
255 State Street, Boston MA 02109  
800.882.4332  
[sappi.com](http://sappi.com)

The names, symbols, logos, and all other intellectual property of the companies, brands, and people appearing herein are the exclusive property of their respective owners, and should not be interpreted as an endorsement of or by Sappi; any legal and equitable rights in their intellectual property are exclusively reserved to those owners.

The data, specifications and/or certifications provided herein are current as of the date of printing, and may change without notice at Sappi's discretion.

SAPPI is a trademark of Sappi Limited. MCCOY, OPUS, SOMERSET and FLO are registered trademarks of Sappi North America.

© 2017 Sappi North America. All Rights Reserved.

