

# UPM North America Coated and Supercalendered Paper Products



2017



# UPM COATED PAPERS

TOUCH THE BRILLIANT COLORS, FACE THE VALUE.  
A WIDE RANGE OF WEB OFFSET AND ROTOGRAVURE PAPERS  
USED FOR MAGAZINES, CATALOGS AND INSERTS.

## UPM Finesse

Use UPM Finesse when you want to impress your readers. Images and colors reproduce beautifully and boldly on its bright, smooth surface. It's the best choice for luxurious magazines, prestigious catalogs, and impactful advertising materials.

COATED FREESHEET #2

BRIGHTNESS  
95

FINISHES  
Gloss, Premium Silk, Matte

## UPM Star

Want stellar quality for your print job? UPM Star is your choice when you want high quality paper with excellent reliability. Its gloss and mirror-like smoothness enhance image details and depth while maintaining your bottom-line.

COATED GROUNDWOOD #3

BRIGHTNESS  
87 - 92

FINISHES  
Gloss, Silk

## UPM Ultra

Developed especially for demanding print jobs, UPM Ultra brings out even the gentlest color tones magnificently. This versatile paper is your reliable and economical choice for magazines, catalogs, advertising material and flyers.

COATED GROUNDWOOD #4

BRIGHTNESS  
78 - 84

FINISHES  
Gloss, Silk, Matte

## UPM Cote

When you have to produce large, high quality print runs, but still be cost-effective, you can't go wrong with UPM Cote. It's a competitive combination of optical properties with the widest basis weight range in the market.

LIGHTWEIGHT COATED #5

BRIGHTNESS  
68 - 78

FINISHES  
Gloss, Silk, Matte

# PERFORMANCE PAPERS

## UPM Valor

Add weight to your message, not to your product. UPM Valor offers more printing area per ton of paper, while maintaining the feel of a much heavier paper, allowing you save money on distribution costs. UPM Valor can also help achieve your sustainability goals due to efficient use of raw materials.

BRIGHTNESS      BASIS WEIGHT  
75 - 91            33.8, 41.2, 45.9

UPM is constantly improving the resource efficiency of our mills and processes. We use less water and energy than ever before to make sure your paper meets even the most demanding sustainability requirements. UPM papers are available with PEFC™ or FSC® certification, subject to availability.

Most of UPM's Environmental and Social Responsibility certificates and position statements can be found at [upmpaper.com/paper](http://upmpaper.com/paper)



## UPM Finesse

## HEATSET WEB OFFSET

	BASIS WEIGHT (25x38/500)	BRIGHTNESS GE	OPACITY TAPPI	GLOSS HUNTER	CALIPER** MILS	MILL
UPM Finesse Gloss H	54.1	95	91	65	2.4	Kymi
	60.8	95	92	65	2.7	
	67.6	95	93	65	3.0	
	77.7	95	95.5	68	3.4	
	87.8	95	96	68	4.1	
	101.4	95	97.5	68	4.7	
	63 cover	95	97	72	5.3	Nordland
	74.1 cover	95	98	72	6.3	
92.6 cover	95	98	72	8.3		
UPM Finesse Premium Silk H	54.1	95	90	42	2.8	Kymi
	60.8	95	92	42	3.1	
	67.6	95	94	46	3.4	
	77.7	95	95	46	3.9	
	87.8	95	96	46	4.4	
	101.4	95	98	46	5.0	
	63 cover	95	99	50	6.0	Nordland
	74.1 cover	95	99	50	7.0	
92.6 cover	95	99	50	8.7		
UPM Finesse Matte H	54.1	95	92	25	2.9	Kymi
	60.8	95	93	25	3.1	
	67.6	95	95	25	3.5	
	77.7	95	96.5	25	4.1	
	87.8	95	99	25	4.6	

## ROTOGRAVURE

UPM Finesse Gloss G	60.8	95	85	80	2.6	Nordland
	67.6	95	88	80	2.9	
	77.7	95	89.5	80	3.3	
	87.8	95	92	80	3.8	
	101.4	95	94.5	80	4.3	



## UPM Star

## HEATSET WEB OFFSET

	BASIS WEIGHT (25x38/500)	BRIGHTNESS GE	OPACITY TAPPI	GLOSS HUNTER	CALIPER** MILS	MILL
<b>UPM Star H</b> gloss	40.5	87	88	62	2.0	Kaukas
	43.9	90	88	65	2.2	Rauma
	47.3	90	90	65	2.3	
	50.7	91	91	68	2.4	
	54.1	91	92	70	2.5	
	60.8	92	94	70	2.8	
	67.6	92	95	70	3.0	
<b>UPM Star Silk H</b>	43.9*	89	91	30	2.3	Kaukas
	47.3	91	92	30	2.7	
	50.7*	91	93	30	3.0	
	54.1	92	95	30	3.1	
	60.8	92	96	30	3.5	
	67.6*	92	97	30	3.9	

## ROTOGRAVURE

<b>UPM Star G</b> gloss	54.1	88	92	70	2.4	Kaukas
	60.8*	88	93	70	2.6	
<b>UPM Star Silk G</b>	47.3*	88	92	45	2.3	Kaukas
	54.1*	88	93	45	2.6	

\* Available Upon Request Only.

\*\* Paper is produced to basis weight. Caliper figures are targets only. Specifications subject to change.

## UPM Ultra

## HEATSET WEB OFFSET

	BASIS WEIGHT (25x38/500)	BRIGHTNESS GE	OPACITY TAPPI	GLOSS HUNTER	CALIPER** MILS	MILL
UPM Ultra H gloss	36	80	86	55	1.8	Caledonian
	36.5	80	86	55	1.8	Rauma
	38	80	88	58	1.9	
	38.5	80	88	58	1.9	
	40	81	88	60	2.0	
	40.5	81	88	60	2.0	
	43.9	83	90	64	2.2	
	45	83	90	64	2.3	
	47.3	83	92	64	2.4	
	50.7	84	92	66	2.5	
54.1	84	93	66	2.7		
UPM Ultra H NA gloss	36	80	87	56	1.9	Blandin
	38	80	87	61	2.0	
	40	80	88	61	2.1	
	43	81	89	64	2.2	
	45	81	90	64	2.3	
	47*	81	90	64	2.4	
	50	81	91	64	2.6	
UPM Ultra Plus H NA gloss	38	83	87	61	2.0	Blandin
	40	83	88	61	2.1	
	43	83	89	64	2.3	
	45	84	90	64	2.3	
	50	84	91	64	2.5	
UPM Ultra Silk H	40.5	80	89	45	2.2	Caledonian
	43.9	82	90	45	2.3	
	47.3	83	91	45	2.5	
UPM Ultra Silk H NA	38*	80	88	38	2.2	Blandin
	40	80	89	38	2.3	
	43	81	90	38	2.5	
	45	81	91	38	2.6	
	50*	81	91	38	2.8	
UPM Ultra Plus Silk H NA	40	83	89	38	2.3	Blandin
	43	83	90	38	2.5	
	45	83	91	38	2.6	
UPM Ultra Matte H	36.5*	81	87	30	2.3	Rauma
	38.5	81	88	30	2.4	
	40.5	81	90	30	2.6	
	43.9	81	91	30	2.8	
	47.3	82	92	30	3.0	

## UPM Ultra

## ROTOGRAVURE

	BASIS WEIGHT (25x38/500)	BRIGHTNESS GE	OPACITY TAPPI	GLOSS HUNTER	CALIPER** MILS	MILL
<b>UPM Ultra G</b> gloss	34.5*	78	90	55	1.7	Kaipola
	36	78	90	60	1.8	Kaukas
	36.5	78	90	60	1.8	Rauma
	38	80	90	63	1.9	
	38.5	80	90	63	1.9	
	40	81	91	65	2.0	
	40.5	81	91	65	2.0	
	43.9	84	92	66	2.1	
	47.3	84	93	66	2.2	
50*	84	91	68	2.2		
<b>UPM Ultra G NA</b> gloss	38*	80	88	61	2.0	Blandin
	40*	81	89	61	2.1	
	45*	81	91	64	2.3	
	50*	81	92	64	2.6	
<b>UPM Ultra Silk G</b>	38.5	80	91	45	2.1	Kaipola
	40.5	81	91	45	2.2	Kaukas

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## UPM Cote

## HEATSET WEB OFFSET

	BASIS WEIGHT (25x38/500)	BRIGHTNESS GE	OPACITY TAPPI	GLOSS HUNTER	CALIPER** MILS	MILL
<b>UPM Cote H</b> gloss	26.4	68	81	39	1.5	Augsburg
	28.4	69	82	42	1.6	Caledonian
	30	70	84	45	1.7	Kaipola
	30.4	70	84	45	1.7	Rauma
	32	70	84	46	1.8	
	32.4	70	84	46	1.8	
	34.5	70	85	50	1.9	
	36	73	85	58	1.9	
	36.5	73	85	52	1.9	
	38	74	87	56	2.0	
	38.5	74	87	60	2.0	
	40.5	75	88	60	2.0	
43.9	76	89	60	2.2		
<b>UPM Cote H NA</b> gloss	28	70	86	38	1.7	Blandin
	29	70	86	40	1.7	Caledonian
	30	70	86	41	1.7	
	32	70	87	45	1.8	
	34	70	88	47	1.9	
	36	70	88	54	1.9	
	38	71	88	54	2.0	
	40	71	89	54	2.1	
<b>UPM Cote Plus H NA</b> gloss	36*	76	87	56	2.0	Blandin
	38*	76	87	58	2.1	
<b>UPM Cote Silk H</b>	34.5*	74	87	25	2.2	Rauma
	36.5	76	88	25	2.3	
	38.5	76	90	25	2.4	
	40.5	76	90	25	2.6	
	43.9	76	91	25	2.8	
<b>UPM Cote Silk H NA*</b>	35*	77	88	25	2.2	Blandin
	36.3*	77	88	25	2.2	
<b>UPM Cote Matte 1.3 H</b>	36.5	78	92	18	2.8	Augsburg
	38.5*	78	93	18	2.9	
	40.5	78	95	18	3.1	
	43.9	78	95	18	3.3	
	47.3	78	96	18	3.6	

## ROTOGRAVURE

<b>UPM Cote G</b> gloss	28.4*	68	86	46	1.7	Kaipola
	30.4	69	86	52	1.7	Rauma
	32.4	70	87	54	1.8	
	34.5	70	88	57	1.9	
	36.5	73	88	60	1.9	
	38.5	74	89	62	1.9	
	40.5	74	89	65	2.0	
<b>UPM Cote G NA</b> gloss	28	70	86	47	1.6	Blandin
	30	71	86	49	1.6	Kaipola
	32	71	86	52	1.7	
	34	71	87	55	1.8	
	36	71	88	57	1.9	
	38	71	89	57	2.1	
	40	71	89	57	2.2	



## UPM Valor

### HEATSET WEB OFFSET

	BASIS WEIGHT (25x38/500)	BRIGHTNESS GE	OPACITY TAPPI	GLOSS HUNTER	CALIPER** MILS	MILL
<b>UPM Valor H</b> gloss	33.8	75	89	50	2.0	Augsburg
	41.2	90	90	58	2.3	Kaukas
	45.9	91	92	60	2.5	Rauma

### ROTOGRAVURE

<b>UPM Valor G</b> gloss	33.8	76	89	55	2.0	Kaipola Rauma
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## SUPERCALENDERED PAPERS

TOUCH THE BRILLIANT COLORS, FACE THE VALUE.  
A WIDE RANGE OF WEB OFFSET AND ROTOGRAVURE PAPERS  
TO MEET YOUR QUALITY AND BUDGET NEEDS.

### UPM Smart

Want an intelligent alternative for demanding print jobs? UPM Smart combines brightness, opacity and price in a way never seen before. The paper's bulkiness and stiffness make it ideal for special interest magazines and catalogs.

SCA ++

BRIGHTNESS  
76 - 78

BASIS WEIGHT  
34 - 40

### UPM Cat

Sharp image reproduction and great value, especially in lighter basis weights. UPM Cat is a cost-efficient, high-quality magazine and catalog paper for large volume rotogravure and offset printing.

SCA +

BRIGHTNESS  
68 - 72

BASIS WEIGHT  
26 - 34

### UPM Max

Do you want reliable print runs? UPM Max combines printability, functionality, and repeatability. It's your best choice for retail promotional advertising, magazines, or catalogs.

SCA

BRIGHTNESS  
66 - 70

BASIS WEIGHT  
28 - 38

### UPM Eco

If your goal is to reach large audiences, technically reliable UPM Eco is a true mass media paper for you. Its high percentage of recycled content helps achieve sustainability goals while also generating significant savings.

SCB

BRIGHTNESS  
60 - 65

BASIS WEIGHT  
29 - 37.8

## HIGH-BULK OPTIONS

### UPM Impresse and UPM Impresse Plus

Unique combination of bulkiness and smooth, soft surfaces lead to high print quality. These cost-efficient supercalendered papers are available in two brightness levels for a variety of end-use applications.

BRIGHTNESS      BASIS WEIGHT  
68 - 78              28.4 - 38.5

UPM is constantly improving the resource efficiency of our mills and processes. We use less water and energy than ever before to make sure your paper meets even the most demanding sustainability requirements. UPM papers are available with PEFC™ or FSC® certification, subject to availability.

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# SUPERCALENDERED SPECIFICATIONS\*

## HEATSET WEB OFFSET + ROTOGRAVURE

	BASIS WEIGHT (25x38/500)	BRIGHTNESS GE	OPACITY TAPPI	GLOSS HUNTER	CALIPER** MILS	MILL
<b>UPM Smart</b>	34	76	89	45	1.9	Jamsankoski
	36	77	89	46	2.0	Rauma
	38	78	90	46	2.1	
	40	78	91	46	2.2	
<b>UPM Cat NA</b>	26*	68	84	42	1.4	Jamsankoski
	28	70	84	44	1.6	Rauma
	29	70	84	45	1.6	
	30	71	85	46	1.7	
	32	72	85	46	1.7	
	34	72	87	47	1.8	
<b>UPM Max</b>	28	67	85	42	1.6	Jamsankoski
	30	67	88	43	1.7	Rauma
	32	67	89	45	1.7	
	33	68	89	46	1.8	
	35	68	90	49	1.8	
	38	68	92	50	1.9	
<b>UPM Max S</b>	30	66	91	40	1.8	Jamsankoski
	32	66	92	41	1.9	Rauma
	35	70	93	42	1.9	
<b>UPM Eco</b>	29*	60	86	38	1.5	Schongau
	30.4	64	86	38	1.6	
	33.1	64	86	38	1.7	
	35.1	65	88	38	1.8	
	37.8	65	90	38	1.9	

## HIGH-BULK OPTIONS

	BASIS WEIGHT (25x38/500)	BRIGHTNESS GE	OPACITY TAPPI	GLOSS HUNTER	CALIPER** MILS	MILL
<b>UPM Impresse Plus</b>	32.4	78	88	25	2.1	Jamsankoski
	34.5	78	90	25	2.2	Rauma
	36.5	78	90	25	2.3	
	38.5	78	91	25	2.5	
<b>UPM Impresse</b>	28.4	68	85	23	2.0	Jamsankoski
	30.4	68	87	23	2.1	
	33	68	90	23	2.3	
	35.1	68	91	23	2.5	

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## DIRECTORY PAPERS

### UPM Ecolite

Want to gain a significant cost advantage? UPM Ecolite is an excellent alternative for very low basis weight woodfree uncoated papers. It is best suited for technical materials such as large catalogs and manuals.

#### Publication or Directory

BRIGHTNESS  
72 - 74

WEIGHT  
29 - 34gsm

### UPM Opalite

Who, what, where, when? UPM Opalite has the answer. The paper is especially tailored for directories - both yellow pages and white. Very low basis weight UPM Opalite is thin, smooth, and very durable.

#### Directory

BRIGHTNESS  
55 - 65

WEIGHT  
29.3 - 40gsm

## HEATSET WEB OFFSET

	BASIS WEIGHT (25x38/500)	GRAMS	BRIGHTNESS GE	OPACITY TAPPI	CALIPER** MILS	MILL
UPM Ecolite H	19.6	29	72	74	1.4	Kaipola
	21.6	32	74	76	1.6	
	23	34	74	78	1.6	
UPM Opalite Plus H	24.3	36	65	83	2.0	Kaipola
	25.7	38	65	85	2.1	
	27	40	65	85	2.4	
(24x36/500)						
UPM Opalite H	18	29.3	55	78	1.7	Kaipola
	20	32.5	59	79	1.9	
	20.9	34	59	80	2.0	
	22.1	36	59	81	2.1	
	23.4	38	60	83	2.2	
	24.6	40	60	84	2.4	

## ROTOGRAVURE

	(25x38/500)					
	BASIS WEIGHT	GRAMS	BRIGHTNESS	OPACITY	CALIPER**	MILL
UPM Opalite Plus G	24.3	36	65	83	2.0	Kaipola
	25.7	38	65	85	2.1	
	27	40	65	85	2.4	
(24x36/500)						
UPM Opalite G	20.9	34	60	80	1.9	Kaipola
	22.1	36	60	81	2.0	

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# UPM NORTH AMERICA - PAPER MACHINE SPECIFICATIONS

## Rolls & Cores

PM  Name	ROLLS						CORES				REMARKS
	TRIM WIDTH	MIN WIDTH	MAX WIDTH	MIN DIA	MAX DIA	MAX WEIGHT	SIZES		SPECIAL FEATURES		
	INCHES	INCHES	INCHES	INCHES	INCHES	POUNDS	3"	6"	METAL CAPS	NOTCHES	
Augsburg 3	375	15.7	157.5	39.4	59	13200	YES	YES	NO	NO	
Blandin 5	175	15.75	120	40	59	10000	YES	YES	NO	YES	
Blandin 6	302	15.75	120	45	59	8800	YES	YES	NO	YES	
Caledonian 1	313	15.75	78	26	53	6600	YES	NO	NO	NO	
Changshu 1	379	9.5	86.6	35.4	58.5	7929	YES	YES	NO	NO	Standard is 39.1" diameter
Changshu 2	342	9.5	86.6	35.4	58.5	6828	YES	YES	NO	NO	Standard is 39.1" diameter
Etringen 5	318	9.1	170	31.5	59	N/A	YES	YES	NO	YES*	Notched cores possible. Must enquire with mill first
Jamsankoski 6	368	23.6	173.2	39.3	59	17636	YES	YES	NO	NO	
Kaipola 4	277	10	100.7	39	49	5500	YES	NO	NO	YES	
Kaipola 6	325	15.8	170	39.4	59	14300	YES	YES	NO	YES on 3"	
Kaipola 7	330	16	98	39	49	5500	YES	NO	NO	YES	
Kaukas 1	290	11.8	170	39	59	17600	YES	YES	NO	YES on 3"	
Kymi 8	333	13.8	149.6	39.4	59	13200 (22000*)	YES	YES	NO	NO	*super heavy duty station available if needed
Nordland 1	185	10	98*	39	59*	11000*	YES	YES	NO	NO	Reel wrapping line restrictions 2-3/4" cores avail.
Nordland 2	185	20	98*	39	59*	11000*	YES	YES	NO	NO	Reel wrapping line restrictions 2-3/4" cores avail.
Nordland 3	252	20	98*	39	59*	11000*	YES	YES	NO	NO	Reel wrapping line restrictions 2-3/4" cores avail.
Nordland 4	362	12	98*	39	59*	11000*	YES	YES	NO	NO	Reel wrapping line restrictions 2-3/4" cores avail.
Nordland Coater 1	177	24	98*	39	59*	11000*	YES	YES	NO	NO	Reel wrapping line restrictions 2-3/4" cores avail.
Nordland Coater 2	362	15	98*	39	59*	11000*	YES	YES	NO	NO	Reel wrapping line restrictions 2-3/4" cores avail.
Plattling 1	409	15.8	177 (204.7*)	27.6	70.8	22000	YES	YES	NO	NO	
Plattling 10	227	15.7	142	31.5	59	10100	YES	YES	NO	NO	
Plattling 11	291	15.7	169.3	31.5	59	17600	YES	YES	NO	NO	
Rauma 1	322	15.8	145.6	35.5	59	17636	YES	YES	NO	YES on 3"	
Rauma 2	328.7	15.8	145.6	35.5	59	13227	YES	YES	NO	YES on 3"	
Rauma 4	362	15.8	145.6	35.5	59	13227	YES	YES	NO	YES on 3"	100" max width on Eco H and G reels
Schongau 6	228	8.9	149.6	39.4	59	9930	YES	YES	NO	YES on 3"	
Schongau 7	334	11	122	39.4	59	11000	YES	YES*	NO	NO	
Schongau 9	236	9.1	196.8	39.4	59	22046	YES	YES	NO	YES on 3"	
Steyrermuhl 4	350	11.8	141.7	35.4	51.2	1200	YES	YES	NO	YES	

ALWAYS UP-TO-DATE

For more details about UPM papers, paper samples and latest updates, visit UPM's Online Paper Catalog [upmpaper.com/paper](http://upmpaper.com/paper) or get in touch with your local sales representative.

