

ArtiPress O Silk

TYPICAL END USES



Catalogues



Magazines



Brochures

COLOUR PROFILE

- ☑ FOGRA 39
- ☑ FOGRA 51
- ☑ PSO Coated v3

FINISH

- ☑ Silk

PRINTING METHODS

- ☑ HSWO

TECHNICAL DATASHEET (TARGET VALUES)

Substance		g/m2	60	65	70	75*	80	90	100	110
Brightness	D65/10°	%	92	93	94	95	96	97	97	97
Whiteness	CIE, ISO 11476, C2°	%	97	98	99	100	102	103	104	104
L*	D65/10°		94	94	94	94	94	94	94	94
a*	D65/10°		1.7	1.8	1.8	1.9	1.9	2.0	2.1	2.2
b*	D65/10°		-8.8	-8.9	-9.0	-9.1	-9.2	-9.4	-9.6	-9.8
Opacity	D65/10°	%	91.5	92	93	94	95	96	97	97.5
Gloss Hunter	ISO 8254-1	%	28	30	31	34	36	37	38	38
Thickness	ISO 534	µm	62	64	67	72	75	85	94	104
Bulk	ISO 534	cm3/g	1.0	0.98	0.96	0.96	0.94	0.94	0.94	0.94
Smoothness	ISO 8791-4 PPS 1MPa	µm	2.4	2.2	2.0	1.9	1.9	1.8	1.8	1.8

Technical specifications are target values and may be subject to production variations.

*on request only



ENVIRONMENT

Renewable fibre
Recyclable paper
Recyclable packaging materials
Sustainable sources



REEL SPECIFICATIONS

Cores: 76 mm, 150 mm
Trimmed width: 7160 mm
Width: min. 388 mm, max. 3200 mm
Diameters: min. 1000 mm, max 1300 mm
Max. Weight: 7000 kg



CERTIFICATES

EU Ecolabel
ISO 9001
ISO 14001
ISO 50001
ISO 45001
FSC® CoC
PEFC™ CoC

STORAGE AND HANDLING

- Store the paper in a humidity and temperature controlled area at 50% relative humidity and room temperature between 19°C and 23°C.
- If the paper is stored in a non - air conditioned warehouse, it is absolutely necessary to allow a stabilization period in the print room.
- Open the protective wrapping at the moment of use.



Kabel Premium Pulp & Paper GmbH

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58099 Hagen
Tel +49 (0) 2331 699-0
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ArtiPress O Gloss

TYPICAL END USES



Catalogues



Magazines



Brochures

COLOUR PROFILE

- ☑ FOGRA 39
- ☑ FOGRA 51
- ☑ PSO Coated v3

FINISH

- ☑ Gloss

PRINTING METHODS

- ☑ HSWO

TECHNICAL DATASHEET (TARGET VALUES)

Substance		g/m2	65	70	75*	80	90	100	110
Brightness	D65/10°	%	91	92	93	94	95	96	97
Whiteness	CIE, ISO 11476, C2°	%	96	97	98	100	101	102	102
L*	D65/10°		93	93	93	93	93	93	93
a*	D65/10°		1.6	1.6	1.7	1.7	1.8	1.9	2.0
b*	D65/10°		-8.5	-8.6	-8.7	-8.8	-9.0	-9.2	-9.4
Opacity	D65/10°	%	91.5	92.5	93.5	94.5	96	97	97.5
Gloss Hunter	ISO 8254-1	%	60	62	63	64	65	66	66
Thickness	ISO 534	µm	55	58	61	65	73	81	90
Bulk	ISO 534	cm3/g	0.85	0.83	0.81	0.81	0.81	0.81	0.79
Smoothness	ISO 8791-4 PPS 1MPa	µm	1.0	0.9	0.8	0.8	0.8	0.8	0.8

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ArtiPress O Bulk

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Magazines



Brochures

COLOUR PROFILE

- ☑ FOGRA 43 FM
- ☑ FOGRA 51
- ☑ PSO Coated v3

FINISH

- ☑ Matt

PRINTING METHODS

- ☑ HSWO

TECHNICAL DATASHEET (TARGET VALUES)

Substance	g/m2	60*	65*	70	75*	80	90	100*
Brightness D65/10°	%	92	92	93	93	93	93	93
Whiteness CIE, ISO 11476, C2°	%	98	98	99	100	100	101	101
L* D65/10°		92	92	92	92	92	92	92
a* D65/10°		2.0	2.0	2.0	2.0	2.0	2.0	2.0
b* D65/10°		-8.5	-8.5	-8.5	-8.5	-8.5	-8.5	-8.5
Opacity D65/10°	%	92.5	93	94.5	95	96	97	97.5
Gloss Hunter ISO 8254-1	%	10	10	12	14	16	18	18
Thickness ISO 534	µm	72	82	84	90	96	108	120
Bulk ISO 534	cm3/g	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Smoothness ISO 8791-4 PPS 1MPa	µm	4.5	4.0	4.0	4.0	4.0	4.0	4.0

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PRINTING METHODS

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TECHNICAL DATASHEET (TARGET VALUES)

Substance		g/m ²	60	65	70	75	80	85	90*		
Brightness	D65/10°	%	92	93	94	94	95	95	96		
Whiteness	CIE, ISO 11476, C2°	%	98	98	99	100	100	101	101		
L*	D65/10°		94	94	94	94	94	94	94		
a*	D65/10°		1.7	1.8	1.8	1.9	1.9	2.0	2.0		
b*	D65/10°		-8.8	-8.9	-9.0	-9.1	-9.2	-9.3	-9.4		
Opacity	D65/10°	%	91.5	92	92.5	94	94.5	95.5	96.5		
Gloss Hunter	ISO 8254-1	%	10	10	12	14	16	16	18		
Thickness	ISO 534	µm	74	75	80	85	91	93	96		
Bulk	ISO 534	cm ³ /g	>1.05	>1.05	>1.05	>1.05	>1.05	>1.05	>1.05		
Smoothness	ISO 8791-4 PPS 1MPa	µm	4.5	4.0	4.0	4.0	4.0	4.0	4.0		

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ArtiPress O Silk Cover

TYPICAL END USES



Catalogues



Magazines
Magazines Covers



Brochures



Calendars

COLOUR PROFILE

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- ☑ FOGRA 51
- ☑ PSO Coated v3

FINISH

- ☑ Silk

PRINTING METHODS

- ☑ HSWO

TECHNICAL DATASHEET (TARGET VALUES)

Substance		g/m2	70*	80*	90*	100	110
Brightness	D65/10°	%	94	96	97	97	97
Whiteness	CIE, ISO 11476, C2°	%	100	101	102	103	103
L*	D65/10°		94	94	94	94	94
a*	D65/10°		1.8	1.9	2.0	2.1	2.2
b*	D65/10°		-9.0	-9.2	-9.4	-9.6	-9.8
Opacity	D65/10°	%	94	95	96	97	97,5
Gloss Hunter	ISO 8254-1	%	30	35	37	38	38
Thickness	ISO 534	µm	70	78	86	95	103
Bulk	ISO 534	cm3/g	0.98	0.98	0.96	0.95	0,93
Smoothness	ISO 8791-4 PPS 1MPa	µm	2.1	2.0	1.9	1.8	1,8

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ArtiPress O Gloss Cover

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COLOUR PROFILE

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TECHNICAL DATASHEET (TARGET VALUES)

Substance	g/m2		70*	80*	90*	100	110
Brightness D65/10°	%		92	94	95	96	96
Whiteness CIE, ISO 11476, C2°	%		98	99	100	101	101
L* D65/10°			93	93	93	93	93
a* D65/10°			1.6	1.7	1.8	1.9	2.0
b* D65/10°			-8.6	-8.8	-9.0	-9.2	-9.4
Opacity D65/10°	%		93	94	95	96	97
Gloss Hunter ISO 8254-1	%		61	63	64	65	66
Thickness ISO 534	µm		59	66	76	83	90
Bulk ISO 534	cm3/g		0.84	0.83	0.84	0.83	0,81
Smoothness ISO 8791-4 PPS 1MPa	µm		1.0	0.9	0.9	0.9	0,9

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