



Data Sheets

COATED MATT

120gsm

Grade: Coated Matt

Weight: 120gsm

Dry Time: Instant

Inks: Dye Based, Pigment, Oil Based

Max Resolution: 2880dpi

Laminability: Hot & Cold

(always follow manufacturer's guidelines)

APPLICATIONS:

Presentations, Graphic Art Reproduction, Photography,
CAD drawing, Exhibition work, Desktop Publishing, Posters.

Point of Sales Signage.

For colour coverage is used sparingly.

Slight cockling of paper may occur in areas
of high ink laydown.

OVER SATURATION WILL RESULT IN PAPER COCKLE AND POSSIBLY
CAUSE HEAD STRIKE

STRENGTHS:

Good Colour Reproduction, Outstanding Contrast, High Resolution

LAMINATION:

Lamination (complete encapsulation)
is recommended for added
protection and increased longevity.





Data Sheets

COATED MATT

170gsm & 230gsm

Coated Paper 170/230 offers high opacity, bright white appearance and optimal colour gamut. Full colour images print clearly and crisply even with ink saturation levels of up to 300%. These products are compatible with pigment (UV) and dye inks. Fast drying times and easy lamination make these papers excellent choices for high volume production applications.

The recommended maximum ink saturation level is 300% for all printer types. Ink saturation limits can vary due to ink types, ink drop volume and humidity, so ink saturation levels should be optimized for specific printers, ink and software combinations.

OVER SATURATION WILL RESULT IN PAPER COCKLE AND POSSIBLY CAUSE HEAD STRIKE

Grade: Coated Matt

Weight: 170gsm / 230gsm

Dry Time: Instant

Inks: Dye Based, Pigment, Oil Based

Max Resolution: 2880dpi

Laminability: Hot & Cold - (always follow manufacturer's guidelines.)

Can be overlaminated with most cold laminates & low temperature hot laminates, but cold are preferred and give better adhesion results.

Make sure images are completely dry prior to laminating.

APPLICATIONS:

Presentations, Graphic Art Reproduction, Photography, CAD drawing, Exhibition Work, Desktop Publishing, Posters.

Point of Sales Signage.

For colour coverage is used sparingly.

Slight cockling of paper may occur in areas of high ink laydown.

STRENGTHS:

Good Colour Reproduction, Outstanding Contrast, High Resolution





Data Sheets

DIGIPROOF

PRODUCT DESCRIPTION

Digiproof is a double sided Premium Matt inkjet paper. The photorealistic quality of the printouts meets the highest demands. For professional as well as for private use.

AREAS OF APPLICATION

Proof applications, large format printers (plotters), posters

PHYSICAL CHARACTERISTICS

Grammage (g/m)	109 +/- 10	ISO 536
Thickness (um)	135 +/- 10	ISO 534
Brightness (R457+) (%)	min. 95	ISO 2470
Opacity (%)	min. 90	ISO 2471
Smoothness (Bekk) (s)	100 +/- 40	ISO 5627
Tensile strength (kN/m)	MD min 4.0	DIN EN ISO 1924-1
	CD min 1.5	DIN EN ISO 1924-1
Tearing strength (mN)	MD min 600	DIN EN ISO 21974
	CD min 600	DIN EN ISO 21974
Moisture content (%)	6.0 +/- 1.0	ISO 287

Compatible plotters and inks*

Encad NovaJet GS/GS+/GX/GO
 Epson 7000/9000 Dye
 Epson 7500/9500 Pigmented
 Epson 7600/9600 Pigmented
 Epson 10000 Dye
 Epson 10000 CF Pigmented
 Epson 10600 Pigmented
 HP Designjet 4xx/5xx/6xx/7xx/8xx/10xx
 HP Designjet 2xxx/3xxx/5xxx Dye + Pigmented
 Mimaki JV Series Dye + Pigmented
 Mutoh RJ Series Dye + Pigmented
 Mutoh RJ8100 Falcon2 Series Dye + Pigmented
 Mutoh Rockhopper

Roland HiFijet and CAMMJet Series Dye + Pigmented
 Roland Soljet
 Seiko IP Series oil based
 Xerox X2 oil based

Compatible desktop printers*

inkjet papers are suitable for all common desktop printers.

*in some cases it may be necessary to change the printer settings





Data Sheets

PHOTOGRAPHIC GLOSS & SATIN

Ideal for photographic images. Superior coating for "Photo Realistic" image reproduction.

Applications include graphic arts usage, posters, display work, presentations, digital artwork, displays, prepress, internal signage.

FEATURES

High Gloss and Satin finish

Brilliant Whiteness

High Colour Density

Excellent Image Sharpness

Excellent lay flat characteristics

Grammage: 170gsm

Dry Time: Approx 5 minutes

(May vary with climate conditions)

Inks: Dye-Based

Max: Resolution: 2880 dpi

Laminability: Hot & Cold

(always follow manufacturer's guidelines)





Data Sheets

ULTRA SATIN/GLOSS - 190gsm

Ideal for Digital Photographic Images.
Superior Coating for "Photo Realistic" image reproduction.
Excellent lay flat characteristics.

FEATURES:

Basis weight: 190gsm

Dry Time: Instant

Inks: Dye & Pigment Based Inks

Max. Resolution: 5760 dpi - best 1440dpi

Laminability: Hot & Cold

(always follow manufacturer's guidelines)

APPLICATIONS:

Graphic Arts, Photography, Posters, Framed Artworks, Digital Photographic Output,
Exhibition Displays,
Desktop Publishing
Pre-Press

STRENGTHS:

Instant Dry - Very Good Colour Density - Excellent Image Sharpness - Smudge
Resistant - Universal Compatibility
5760dpi resolution possible
Best results at 1440dpi

LAMINATION:

Lamination is recommended for added
protection and increased longevity.





Data Sheets

ULTRA SATIN/GLOSS - 270gsm

Ideal for Digital Photographic Images.
Superior Coating for "Photo Realistic" image reproduction.
Excellent lay flat characteristics.

FEATURES:

Basis weight: 270gsm
Dry Time: Instant
Inks: Dye & Pigment Based Inks
Max. Resolution: 2880 dpi
Laminability: Hot & Cold
(always follow manufacturer's guidelines)

APPLICATIONS:

Graphic Art Reproduction, Photography, Posters, Framed Artworks, Indoor & Outdoor Signage

STRENGTHS:

Instant Dry - Excellent Colour Density - Excellent Image Sharpness
Smudge Resistant - Scratch Resistance - Universal Compatibility

SPECIFICATIONS:

PE weight VS: 17 +/- 2 gsm
PE weight RS: 28 +/- 2 gsm
Curl, 23deg., 50%: 0 +/- 8mm
Gloss (Dr. Lange) 60deg.: 45 +/- 5
Colour (CIE Lab) UVI: L - 94.0 +/- 0.8
a - 0.2 +/- 0.5
b - -7.6 +/- 0.8

CIE Whiteness D65/10deg: 120
D65 Brightness: 95

LAMINATION:

Lamination is recommended for added protection and increased longevity.





Data Sheets

ULTRA PROOF

Ideal for Digital Photographic Images.
Superior Coating for "Photo Realistic" image reproduction.
Excellent lay flat characteristics.

FEATURES:

Basis weight: 200gsm
Dry Time: Instant
Inks: Dye & Pigment Based Inks
Max. Resolution: 5760 dpi - best 1440dpi
Laminability: Hot & Cold
(always follow manufacturer's guidelines)

APPLICATIONS:

Graphic Arts, Photography, Posters, Framed Artworks,
Digital Photographic Output, Exhibition Displays,
Desktop Publishing
Pre-Press

STRENGTHS:

Off white cast to replicate cromalin proof
Instant Dry - Very Good Colour Density
Excellent Image Sharpness
Smudge Resistant
Universal Compatibility
5760dpi resolution possible
Best results at 1440dpi

LAMINATION:

Lamination is recommended for added
protection and increased longevity.





Data Sheets

ULTRA PSO SATIN

**PRODUCT:**

Fogra Certificated, microporous, resin-coated High-End Proofing paper with a matt satin finish.

USE:

Especially developed for contract proofs, as well as professional colour management. Its shade fits exactly to the ISO 12647-7 and was approved by **Fogra** as a "semi matt proofing paper". During the production process we set great store onto a high colour space (>ISO coated). Has brilliant colour; fine nuances and a big universality. By the entirely abdication of optical brighteners, a high colour stability and a highly reduced metamerism effect is guaranteed. Thanks to the special microporous surface, Ultra PSO Satin convinces due to its excellent drying properties, provides a particularly water and lightfastness and guarantees optimum flatness, even in cases of a high application of ink. In its latest version the shade of this proofing paper is directly targeted to the requirement of ISO 12647-7. The colour gamut has been increased, especially noticeable in dark tone and shadow areas.

PHYSICAL PROPERTIES

	Results	Unit	Standard
Basic weight	255 +/- 10	gsm	ISO 536
Paper Thickness	270 +/- 12	um	ISO 534
Opacity	96 +/- 4	%	ISO 2471
Stiffness md	n.a.	mN	ISO 2493
Stiffness cd	n.a.	mN	ISO 2493
Gloss value 75°	54.0 +/-5	%	ISO 8254-1
Smoothness	>500	sec	ISO 5627
ISO Whiteness	90 +/- 4		ISO 11475
L*	96.8 +/-2	D50/2°	ISO5631
a*	0.1 +/-2	D50/2°	ISO5631
b*	- 1.9 +/-2	D50/2°	ISO5631

PRINTOUT:

Ultra PSO Satin is suitable for all applications in desktop and large format printing. The quality is compatible with all common dye, pigment and Ultrachrome/K3 inks

LAMINATION:

Cold & Hot lamination is suitable

PROCESSING:

Best printing results occurs in a standard climate of 23°C and 50% relative humidity. For problem free running, always store printing medium in the original packaging and protect it from direct sunlight and moisture.





Data Sheets

ULTRA PSO PROOF



PRODUCT:

A high volume, graphic coated, high quality proofing paper with **Fogra Certification**

USE:

It is mainly used in contract proof and professional colour management. During production, no optical brighteners were added, which gives Ultra PSO Proof its characteristic, yellow white surface.

Thanks to this special surface, the shade accords exact to the **Fogra** instructions and is certificated for paper class - PT 1 ISO 12647-2. As in the case of all media of this range, we set great store on the development of a high colour space, brilliant colour presentation, very fine nuances, and low colour drift. In addition it convinces through excellent drying properties and a particularly high water and aging resistance.

PHYSICAL PROPERTIES

	Results	Unit	Standard
Basic weight	163 +/- 10	gsm	ISO 536
Paper Thickness	187 +/- 11	um	ISO 534
Opacity	93 +/- 7	%	ISO 2471
Stiffness md	35 +/- 3	mN	ISO 2493
Stiffness cd	19 +/- 3	mN	ISO 2493
Gloss value 75°	55 +/-7	%	ISO 8254-1
Smoothness	115 +/- 30	s	ISO 5627
ISO Whiteness	92 +/- 3		ISO 11475
Shade L*	96.0 +/-1.0	D50/2°	ISO5631
a*	0.0 +/-7	D50/2°	ISO5631
b*	-2.4 +/-1.0	D50/2°	ISO5631

PRINTOUT:

Ultra PSO Proof is suitable for applications in both desktop and large format printing and universal printable with all common dye, pigment and Ultrachrome/K3 inks.

LAMINATION:

Cold & Hot - no test results exist for this product at this time.

PROCESSING:

Best printing results occurs in a standard climate of 23°C and 50% relative humidity. For problem free running, always store printing medium in the original packaging and protect it from direct sunlight and moisture.





Data Sheets

COMING SOON

ULTRA PROOF PLUS



APPLICATION

Excellent paper for the experts in pre-press, printing and production

STRENGTHS

Outstanding media colour consistency, large colour gamut, excellent image sharpness, instant dry, smudge resistant, universal compatibility - dye & pigment inks, 5760 dpi resolution possible - best results at 1440dpi. This paper has fulfilled the conditions for FOGRA Certification

LAMINABILITY

Suitable for Hot & Cold - Follow manufacturers instructions

PHYSICAL CHARACTERISTICS

Weight	(g/m)	273 +/- 7
Thickness	(um)	270 +/- 5
CIE Whiteness (D65/10°)		102
ISO Brightness D65		90
Opacity (%)		> 90
Gloss (BYK) 60°	%	35 +/- 5
Colour MLD UVO	L	93.5 +/- 0.5
	a	_0.3 +/- 0.3
	b	02.4 +/- 0.5
	Delta b	0.5 +/- 0.5

COMPATIBLE PRINTERS

Epson 5000/7000/9000/10000 Dye inks
 Epson 5500/7500/9500/10000 CF Pigmented inks
 Epson 4000/7600/9600/10600 CF Ultrachrome inks
 Epson 2400/4400/4800/7400/7800/9400/9800 K3 inks
 HP Designjet 1050/1055
 HP Designjet 2000/3000 Series Dye & Pigmented inks
 HP Designjet 5000/5500 Series Dye & Pigmented inks
 HP10/20/30/50/90/100/120/130
 HP 430/450/488
 Canon W Series / BJ-W Series
 Canon IPF 5000/9000 / IPF 500/600/700
 AGFA Sherpa
 Agfa Grand Sherpa

DIRECTIONS FOR USE

Store paper only in original boxes, out of direct sunlight under normal climatic conditions (23°, 50% RH).

