

KODAK Fine Art Smooth Paper / M315DP



GENERAL DESCRIPTION

KODAK Fine Art Smooth Paper / M315DP offers the highest quality look and feel, image quality and color for fine art and photographic applications. With a specially formulated matte coating and 100% cotton base, it provides the exceptional results and long-term durability required for fine art print-making.

- 100% cotton base, acid and lignin free for archival prints.
- High white point and large color gamut for quality reproductions.
- Specially formulated matte coating to provide long-term image stability with a variety of pigmented inks
- Silky smooth surface provides excellent detail for authentic reproductions
- Color profiles available for all popular professional printers to ensure quality results with the first print.

COMPATIBILITY

When used with the following printers and inks, KODAK Fine Art Smooth Paper / M315DP is recommended for all applications. Recommendations will provide optimal output when using printing paths commonly associated with each printer. These settings are intended as starting points—other combinations of settings may also provide good results. See "Printing Notes" for more information.

For compatibility information for all KODAK Wide-Format Inkjet Media, refer to the Inkjet Media Compatibility Chart at www.kodak.com/go/wideformat.

Manufacturer	Model	Compatibility	
		Ink	Print Driver Media Setting
ENCAD NOVAJET/ KODAK	1000i/ 1200i	Qi Dye	Matte Coated Paper 140g
ENCAD NOVAJET/ KODAK	1000i/ 1200i	Qi Pigment	Matte Coated Paper 140g
HEWLETT- PACKARD DESIGNJET	Z2100/ Z3100/	VIVERA Pigments	Thick Fine Art Paper (>250g/m2)
CANON	6200Pg/8200Pg 6400Pg/8400Pg	Pigment	Fine Art Heavyweight Photo
CANON	iPF9000/ iPF8000/ iPF5000	LUCIA Pigments	Fine Art Watercolor
EPSON STYLUS PRO	R1800	ULTRACHROME HI- GLOSS	Velvet Fine Art Paper
EPSON STYLUS PRO	R2400	ULTRACHROME K3	UltraSmooth Fine Art Paper
EPSON STYLUS PRO	7500/9500	Pigment	Fine Art
EPSON STYLUS PRO	4000 Series	ULTRACHROME Pigment	UltraSmooth Fine Art Paper
EPSON STYLUS PRO	7600/9600/10600	ULTRACHROME	Smooth Fine Art Paper
EPSON STYLUS PRO	10000 Series	ARCHIVAL	Fine Art
EPSON STYLUS PRO	3800/4800/7800/9800	ULTRACHROME K3	UltraSmooth Fine Art Paper
EPSON STYLUS PRO	4880/7880/9880/11880	ULTRACHROME K3	UltraSmooth Fine Art Paper

PRINTING NOTES

The print driver media settings recommended in the Compatibility section are intended to provide usable results with available media profiles found in the printer manufacturer's provided drivers and RIPs. These recommendations will provide proper ink laydowns with no pooling or bleeding, and color which will be acceptable for many applications. It is suggested that tests be run using these recommendations and color corrections be made to meet user expectations.

In cases where no recommendation is made, choose the media setting closest to the KODAK Wide-Format Inkjet Media you are using. This should give you a print which requires little or no adjustment to get good results.

Profiles for KODAK Fine Art Media

For more exacting color, ICC profiles supporting KODAK media for a variety of HP, EPSON, CANON, ENCAD, and KODAK printers are available for use with the printers' driver and with ONYX Postershop. For more information visit Kodak's website at: www.kodak.com/go/wfipfiles

Profiles for other KODAK Wide-Format Inkjet Media

ICC profiles are available for many KODAK Wide-Format Inkjet Media for use with the printers' driver in applications such as ADOBE Photoshop. For more information visit Kodak's website at: www.kodak.com/go/wfipfiles

Custom Profiles

While the above printing recommendations and available profiles from Kodak will provide adequate results for many wide-format inkjet applications, there are applications, such as inkjet proofing, which demand more exacting color requirements. It is suggested that for these applications, custom profiles be built for given ink/media/printer combinations. Many color management and profile building software applications are available which allow the user to manage color to meet their needs. Also, many RIPs will provide color profiling options which allow the user to control the color of their output. Please contact your dealer or KODAK Technical Support for help determining the best solution for your application.

Pigment and Dye-Based Inks

KODAK Fine Art Smooth Paper / M315DP is intended primarily to be used in applications such as photographic and fine art reproductions where long-term image stability is required. Typically, pigment-

based inks are essential to meet these life-time expectations. The media is compatible with dye-based inks, but Kodak has only performed limited testing. It is recommended that you test the dye performance to ensure that it meets your requirements.

Photo and Matte Black Inks

Many current printers provide the user with the choice of a Photo or Matte black ink when printing to matte surface and other fine art papers. KODAK Fine Art Smooth Paper / M315DP is compatible with both types, but for maximum density and richness of detail, select the Matte black setting in your printer driver.

HANDLING

All inkjet media must be handled with care before and after printing to prevent damage to the ink receiving layer and printed images. Use the following guidelines, your experience, and common sense for the proper care of your media.

- Store unused media in its original packaging, using the core-plugs and plastic sleeves.
- Allow media to acclimate to your environmental conditions for at least 24 hours before use.
- KODAK Inkjet Media is rolled printable side out. Avoid touching the printable side by handling by the edges of the roll.
- Wear cotton gloves when handling media to avoid scratches, abrasions and fingerprints from moisture and oils on your hands.
- Do not allow the media to come into contact with moisture. Moisture will damage many types of inkjet medias before and after printing.
- Avoid handling, trimming, laminating or other finishing until prints are completely dry. Dry times will vary based on media type, ink type and environmental conditions.
- Do not fold, bend or crease media or damage may occur to the ink receiving layer.
- Do not allow the surface of the media to come into contact with itself or another inkjet media.
- Use media only in recommended operating conditions—see "Physical Characteristics" section.

Curl

Most types of roll-based inkjet media will exhibit some amount of curl, either toward the base side or toward the print side. This will vary based on media type and environmental conditions. Some media will curl more in low humidity environments and others in high humidity environments. Also, media may curl more towards the core or end of the roll due to "roll memory."

Although curl is mainly an issue when printing, it can also have an impact on laminating and other finishing procedures. Follow these guidelines, and use your experience and common sense to avoid issues caused by curl.

When printing:

- Advance media several inches past the print platen before starting a print job.
- Add weights or clips to the leading edge of the media.
- Attach media to the printer's take-up spool before starting printing.
- Adjust vacuum settings accordingly on printers equipped with variable media vacuum settings.
- Adjust heater and dryer settings on equipped printers to obtain optimum conditions to ensure flat media.

See printer owners' manual for their recommendations.

During finishing:

- Do not allow media to remain rolled for extended periods of time.
- Rough cut prints and lay them flat before laminating.

FINISHING

Detailed information and tips can be found in KODAK publication E-2600, *Laminating, Mounting, and Finishing KODAK Wide-Format Inkjet Media*.

DISPLAY

KODAK Inkjet Media is intended for display in typical home, office, and retail environments. Unusual conditions, such as extreme temperatures or humidity, may affect the expected lifetime of the displayed print. Kodak is unable to test all possible environments, so it is recommended to test display conditions when possible to be sure that the media meets the necessary requirements

PERFORMANCE GUARANTEE

Kodak will guarantee prints from compatible systems against noticeable fading, cracking, yellowing, and bleeding when the print is viewed from its intended viewing distance.

The Indoor Performance Guarantee durations will vary based on the media/printer/ink system. The stated durations assume the media is displayed indoors under fluorescent light (average intensity 450-lux, 12 hours/day), and/or with indirect sunlight exposure (at least 6 feet from a window, with no direct sunlight). The guarantee assumes the media will be displayed in a typical indoor environment and will not be exposed to a high level of pollutants (above a typical ozone level for an indoor environment).

Terms, conditions and additional information about the Performance Guarantee can be found at:
www.kodak.com/go/wideformat

Manufacturer	Model	Ink	Durability*
HEWLETT-PACKARD DESIGNJET	Z2100 / Z3100	8 and 12 Color VIVERA Pigments	150 years or longer (Testing in Progress)
ENCAD NOVAJET/ KODAK	1000i/ 1200i	Qi Pigment	150 years or longer (Testing in Progress)
EPSON STYLUS PHOTO	4000/7600/9600/10600	6 Color ULTRACHROME	110 years
	3800/4800/7800/9800	8 Color ULTRACHROME K3 Matte Black	110 years
	3800/4800/7800/9800	8 Color ULTRACHROME K3 Photo Black	110 yrs
	4880/7880/9880/11880	8 Color ULTRACHROME K3	100 years or longer (Testing in Progress)
	R2400	8 Color ULTRACHROME K3	110 years
	R1800	8 Color ULTRACHROME Hi-Gloss	110 years
CANON Image PROGRAF	6200Pg/8200Pg	6 Color Pigment	150 years or longer (Testing in Progress)
	6400Pg/8400Pg	6 Color Pigment	150 years or longer (Testing in Progress)
	iPF5000/iPF8000/iPF9000	12 Color LUCIA Pigments	150 years or longer (Testing in Progress)

* Assumes prints will be displayed behind glass or otherwise protected from the effects of moisture, ozone, and other airborne pollutants.

ORDERING INFORMATION

KODAK Fine Art Smooth Paper / M315DP

Roll Length	Roll Width / Order No.			
	17 in. (43.2 cm) 3-inch core	24 in. (61 cm) 3-inch core	36 in. (91.4 cm) 3-inch core	44 in. (111.8 cm) 3-inch core
100 ft (30.5 m)	084-00139A	084-00140A	084-00141A	084-00142A
16.4 ft (5 m) (sample)	084-00138A	NA	NA	NA

Sheet Size / Order No.			
8.5 x 11 in. (216 x 279 mm) 50 Sheets	8.27 x 11.69 in. A4 (210 x 297 mm) 50 Sheets	13 x 19 in. (330 x 483 mm) 50 Sheets	17 x 22 in. (216 x 279 mm) 50 Sheets
084-00174A	084-00177A	084-00175A	084-00176A

Please contact your local KODAK Reseller for pricing and availability information.

PHYSICAL CHARACTERISTICS

Physical Characteristics	Value	Test Method Reference
Caliper	16mil (410µm)	ISO 534
Opacity	98	Tappi T 524
CIE Whiteness	110	Tappi T 524
Weight	310 g/sm	ISO 536
Brightness	90	ISO 2470
L*(D65/10 uvi/BBW)	97	Tappi T 524
Flame Spread Classification	Class A	ASTM E84
Operating Conditions	59-86°F (15-30°C), 30-70% RH (non-condensing)	NA
Recommended Storage Conditions	68°F (20°C), 50% RH	NA

Family of KODAK Photo and Fine Art Media

KODAK Premium Rapid-Dry Photographic Glossy Paper, 260g

KODAK Premium Rapid-Dry Photographic Lustre Paper, 260g

KODAK Fine Art Smooth Paper / M315DP

KODAK Fine Art Textured Paper / M315DP

KODAK Fine Art Fibre Satin Paper / SM285DP

KODAK Fine Art Fibre Glossy Paper / GL285DP

KODAK Fine Art Coated Matte Paper / M200DP

KODAK Artists' Semigloss Canvas / 20mil

KODAK Matte Canvas / 19mil

If you have questions or need assistance, visit Kodak's website at www.kodak.com/go/wfisupport or, in the U.S., contact KODAK Technical Support at 1-888-436-2347.

The contents of this publication are subject to change without notice.

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