

KODAK Fine Art Coated Matte Paper / M200DP



GENERAL DESCRIPTION

A high-quality, heavy-weight, matte surface paper designed for photographic and artistic reproductions, as well as for graphic and commercial printing. Its bright white surface and flat base make it ideal for framing, display and exhibition.

- Optimum performance with Pigmented-based inks, but compatible with dyes as well.
- Heavy, 200g base ensures quality and flatness.
- Acid and lignin free.
- Unique surface coating offers superior image quality and color saturation.
- 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 Coated Matte Paper / M200DP 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. "Yes" in the Laminate Recommendation column indicates that this media is likely to have good adhesion with laminates in that class.

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	Ink Compatibility		Laminate Recommendation (See Finishing Section)			
		Ink	Print Driver Media Setting	Heat Activated Thermal* 210-240°F (99-116°C)	Heat Activated Low Temperature* 185-195°F (85-91°C)	Heat Assisted 185-195°F (85-91°C)	Pressure Sensitive† Ambient to 120°F (49°C)
ENCAD NOVAJET/ KODAK	1000i/ 1200i	Qi Dye	Matte Coated Paper 140g	Yes	Yes	Yes	Yes
ENCAD NOVAJET/ KODAK	1000i/ 1200i	Qi Pigment	Matte Coated Paper 140g	Yes	Yes	Yes	Yes
HEWLETT-PACKARD DESIGNJET	5000 Series	Dye	Heavyweight Coated Paper	Yes	Yes	Yes	Yes
HEWLETT-PACKARD DESIGNJET	5000 Series	UV	Heavyweight Coated Paper	Yes	Yes	Yes	Yes
HEWLETT-PACKARD DESIGNJET	Z2100/ Z3100/ Z6100	VIVERA Pigments	HP Super Heavyweight Plus Matte Paper	Yes	Yes	Yes	Yes
CANON	6200Pg/8200Pg 6400Pg/8400Pg	Pigment	Heavyweight Coated Paper	Yes	Yes	Yes	Yes
CANON	iPF9000/ iPF8000/ iPF5000	LUCIA Pigments	Heavyweight Coated Paper	Yes	Yes	Yes	Yes
EPSON STYLUS PRO	R2400	ULTRACHROME K3	Enhanced Matte Paper	Yes	Yes	Yes	Yes
EPSON STYLUS PRO	R1800	ULTRACHROME HI-GLOSS	Enhanced Matte Paper	Yes	Yes	Yes	Yes
EPSON STYLUS PRO	7500/9500	Pigment	Double Weight Matte	Yes	Yes	Yes	Yes

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EPSON STYLUS PRO	4000 Series	ULTRACHROME Pigment	Enhanced Matte Paper	Yes	Yes	Yes	Yes
EPSON STYLUS PRO	7600/9600/ 10600	ULTRACHROME	Enhanced Matte Paper	Yes	Yes	Yes	Yes
EPSON STYLUS PRO	10000 Series	ARCHIVAL	Double Weight Matte	Yes	Yes	Yes	Yes
EPSON STYLUS PRO	3800/4800/7800/9800	ULTRACHROME K3	Enhanced Matte Paper	Yes	Yes	Yes	Yes
EPSON STYLUS PRO	4880/7880/9880	ULTRACHROME K3	Enhanced Matte Paper	Yes	Yes	Yes	Yes
EPSON STYLUS PRO	11880	ULTRACHROME K3	Enhanced Matte Paper	Yes	Yes	Yes	Yes

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/wfiprofiles

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/wfiprofiles

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 Coated Matte Paper / M200D 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 Coated Matte Paper / M200DP 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*.

Lamination

Please refer to lamination chart in compatibility sections above for specific printer/ink/laminate recommendations.

Lamination Definitions

Heat Activated Thermal, 210-240°F (99-116°C)*	Polyester laminates applied with hot roll laminators at 210-240°F.
Heat Activated Low Temperature, 185-195°F (85-91°C)*	Polyester laminates applied with hot roll laminators at 185-195°F.
Heat Assisted, 185-195°F (85-91°C)	Polyester or vinyl laminates with pressure sensitive adhesives; specially formulated for inkjet prints, and applied with hot roll laminators at 185-195°F.
Pressure Sensitive, Ambient to 120°F (49°C)	Polyester or vinyl laminates with pressure sensitive adhesives on a release liner, applied at ambient conditions or at low temperature, 100-120°F.

* For both Heat Activated Thermal and Low Temperature, use a laminate with a total thickness (polyester and adhesive) of 3 mils or less on the face side. Thicker laminates may be applied to the back of the print for increased total thickness.

Prints must be laminated prior to display to ensure optimum performance and guard against dye fade due to environmental pollutants.

Successful lamination requires that inkjet media be completely dry to ensure good adhesion and to avoid unwanted color shifts. While prints may feel dry to the touch, components of the ink that prevent good adhesion or may cause the color to change may still be present. The best drying is achieved while prints are exposed to air, not stacked or on a roll. For best results, use inkjet-specific laminate products.

For increased durability, choose a laminate with UV protection and encapsulate with a 1/4-1/2" (6.5-13 mm) seal around the edges of a print to prevent moisture and other airborne pollutants from reaching the image. Heavier weight papers may require a wider edge seal.

Mounting

Prints can be mounted, laminated or not, to a variety of materials, including poster board, foam board, SINTRA, LEXAN and more. Use inkjet-specific adhesive materials and follow the manufacturer's instructions.

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	5000 Series	6 Color UV	130 years or longer (Testing in Progress)
	Z2100 / Z3100/ Z6100	8 and 12 Color VIVERA Pigments	130 years or longer (Testing in Progress)
ENCAD NOVAJET/ KODAK	1000i/ 1200i	Qi Pigment	130 years or longer (Testing in Progress)
EPSON STYLUS PHOTO	4000/7600/9600/10600	6 Color ULTRACHROME	100 years
	3800/4800/7800/9800	8 Color ULTRACHROME K3 Photo Black	100 years
	3800/4800/7800/9800	8 Color ULTRACHROME K3 Matte Black	120 years
	4880/7880/9880/11880	8 Color ULTRACHROME K3	100 years or longer (Testing in Progress)
	R2400	8 Color ULTRACHROME K3	100 years
	R1800	8 Color ULTRACHROME Hi-Gloss	100 years
CANON Image PROGRAF	6200Pg/8200Pg	6 Color Pigment	130 years or longer (Testing in Progress)
	6400Pg/8400Pg	6 Color Pigment	130 years or longer (Testing in Progress)
	iPF5000/iPF8000/iPF9000	12 Color LUCIA Pigments	130 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 Coated Matte Paper / M200DP

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-inchcore
100 ft (30.5 m)	084-00102A	084-00103A	084-00104A	084-00106A
16.4 ft (5 m) (sample)	084-00101A	NA	NA	NA

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

PHYSICAL CHARACTERISTICS

Physical Characteristics	Value	Test Method Reference
Caliper	9.6mil (245µm)	ISO 534
Opacity	98	Tappi T 524
CIE Whiteness	153	Tappi T 524
Weight	195 g/sm	ISO 536
Brightness	97	ISO 2470
L*(D65/10 uvi/BBW)	95	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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