

KODAK Artists' Semigloss Canvas / 20mil



GENERAL DESCRIPTION

For photo enlargements and fine-art reproductions.

- Semi-gloss, textured finish
- Heavy, 20-mil cotton canvas base
- Bold, crisp type and graphics
- Flexible to withstand stretching while framing

COMPATIBILITY

When used with the following printers and inks, KODAK Artists' Semigloss Canvas / 20mil 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	
		Ink	Print Driver Media Setting
KODAK PROFESSIONAL	3038/3043/3062	Dye, Pigment	See Printing Notes
KODAK PROFESSIONAL	4042/4060/4742/4760	LIGHTFAST PLUS Dye, Pigment	See Printing Notes
KODAK PROFESSIONAL	4860	Lightfast Plus Dye, Pigment	See Printing Notes
KODAK PROFESSIONAL	5260	Dye	See Printing Notes
HEWLETT-PACKARD DESIGNJET	750C/755CM	Dye	Semi-Gloss Photo
HEWLETT-PACKARD DESIGNJET	800	Dye	Heavy Coated Paper , Turn off cutter
HEWLETT-PACKARD DESIGNJET	1050C/1055CM	Dye	Heavy Coated Paper
HEWLETT-PACKARD DESIGNJET	2000/2500/2800/3000/ 3500/3800 CP	Dye, UV	See Printing Notes
HEWLETT-PACKARD DESIGNJET	5000 Series	Dye	See Printing Notes
HEWLETT-PACKARD DESIGNJET	5000 Series	UV	Studio Canvas
HEWLETT-PACKARD DESIGNJET	Z Series	VIVERA Pigments	HP Collector Satin Canvas
ENCAD NOVAJET	PRO 36/50	GS, GX	See Printing Notes
ENCAD NOVAJET	PROe	GS, GX, GO+	See Printing Notes
ENCAD NOVAJET	500	GS, GX, GO+	See Printing Notes
ENCAD NOVAJET	600/700 series	GS, GS+, GX, GO+	See Printing Notes
ENCAD NOVAJET	850	GS+, GX, GO+	See Printing Notes
ENCAD NOVAJET / KODAK	1000i/1200i	Qi Dye	See Printing Notes; Printer Heater Setting: 2
ENCAD NOVAJET / KODAK	1000i/1200i	Qi Pigment	See Printing Notes; Printer Heater Setting: 2
CANON	7250D/7200D/ 8200D/8400D	Dye	Photo Glossy Paper

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Manufacturer	Model	Ink Compatibility	
		Ink	Print Driver Media Setting
CANON	6200Pg/8200Pg 6400Pg/8400Pg	Pigment	Photo Semi-Glossy Paper
CANON	iPF9000/ iPF8000/ iPF5000	LUCIA Pigments	Photo Semi-Glossy Paper
COLORSPAN DISPLAYMAKER	Hi-Res 8	EC, PC	Fine Art Canvas
COLORSPAN DISPLAYMAKER	Esprit/Series XII	EC, PC	See Printing Notes
MUTOH FALCON	RJ-4100, RJ-6100	Dye, Pigment	See Printing Notes
ROLAND	Hi-Fi Jet FJ-50/FJ-40, Hi-Fi Jet Pro FJ-400/ FJ-500/FJ-600	Dye, Pigment	See Printing Notes
EPSON STYLUS PRO	7000/9000	Dye	See Printing Notes
EPSON STYLUS PRO	7600/9600/10000/ 10600	Photographic Dye	Heavyweight Polyester Banner
EPSON STYLUS PRO	7500/9500	Pigment	See Printing Notes
EPSON STYLUS PRO	10000/10600	Archival Pigment	See Printing Notes
EPSON STYLUS PRO	7600/9600/10600	ULTRACHROME Pigment	Canvas
EPSON STYLUS PRO	7800/9800 788/09880/11880	ULTRACHROME K3 Pigment	Canvas

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. For example, if you are printing on KODAK Premium Photographic Glossy Paper / 180g, choose a setting in your driver or RIP which is intended for another glossy photo paper. This should give you a print which requires little or no adjustment to get usable results.

RIPs and Profiles for ENCAD and Other Printers

For more exacting color, several third party RIPs (Raster Image Processors) are available with profiles supporting KODAK media for ENCAD, KODAK and other printers. For more information visit Kodak's website at www.kodak.com/go/wfiprofiles

Following is a list of RIPs for which ENCAD/KODAK printer support and Kodak -built media profiles are available:

ENCAD/KODAK	www.encad.com/Support/RIP-Support/index.asp
COLORGATE PHOTO RIP	www.colorgate.com/home_e/products_e.html
ONYX GRAPHICS	www.onyxgfx.com
SCANVEC AMIABLE	www.scanvecamiable.com

In addition to the above list, the following software companies provide RIPs and profiles that support ENCAD/KODAK printers:

BEST GMBH	www.bestcolor.com/bcint/index.htm
AIT INTERNATIONAL	www.applied-image.com/Shiraz-RIP.htm
IMAGE TECHNOLOGIES	www.imagetechdev.com
GLOBAL GRAPHICS	www.globalgraphics.com
COLORBURST SYSTEMS	www.compatsys.com
WASATCH COMPUTER TECHNOLOGY, INC.	www.wasatchinc.com
CADLINK TECHNOLOGY	www.cadlink.com
JET RIP	www.jangeun.co.kr

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.

HANDLING

This product has a 100-percent natural cotton canvas base, which offers an authentic artistic appearance. This unique base can be created only by a manufacturing process that has inherent variations. This will result in roll-to-roll differences in texture, color, and weave.

Some printer cutting blades may not be able to trim this material, especially if the blade is used or dull. Advance the media several inches and cut manually to avoid any problems.

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:

- Reverse wind media, when completely dry, to counteract roll memory.
- 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*.

Use standard techniques for stretching and framing. It is recommended that you lacquer after the stretching and framing process to avoid flaking or cracking the print.

Lamination

Instead of conventional lamination, use a fast-drying spray over-laminate with UV blockers. Matte or lustre sprays can be used to lower the image gloss if desired. Sprays come in aerosols and in larger containers suitable for spray gun/air compressor application.

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

Indoor 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 covers both laminated or unlaminated prints as noted in the table below. The unlaminated guarantee assumes the media will be displayed in a typical office environment and will not be exposed to a high level of pollutants (above a typical ozone level for an office environment).

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

Manufacturer	Model	Ink	Durability
KODAK PROFESSIONAL	3043/3062	6 Color Dye	1 year
		6 Color Pigment	30 years
HEWLETT-PACKARD DESIGNJET	5000 Series	6 Color Dye	5 years
		6 Color UV	30 years
	2xxx/3xxx	4 Color Dye	5 years
		4 Color UV	30 years
	Z2100/Z6100	8 Color VIVERA Pigments	30 years
Z3100	12Color VIVERA Pigments	15 years	
ENCAD NOVAJET	800, 700, 600, 500 Series	4/8 Color GS+	1 year
		4/8 Color GX	5 years
		4/6/8 Color GO+	30 years
ENCAD NOVAJET / KODAK	1000i/1200i	6 Color Qi Dye	3 years
		6 Color Qi Pigment	30 years
EPSON STYLUS PRO	7600/9600/10000/10600	6 Color Photographic Dye	3 years
	10000/10600	6 Color Archival Pigment	30 years
	7000/9000	6 Color Dye	1 year
	9500	6 Color Pigment	30 years
	7600/9600/10600	7 Color ULTRACHROME Pigment	30 years
	7800/9800 7880/9880/11880	8 Color ULTRACHROME K3 Pigment	30 years
CANON	7250D/7200D/8200D/8400D	6 Color Dye	3 years
	6200Pg/8200Pg/6400Pg/8400Pg	6 Color Pigment	30 years
	iPF5000/iPF8000/iPF9000	12 Color LUCIA Pigments	30 years

Additional Durability Information

The following table can be used as a guide for printers and inks not included in the Performance Guarantee.

Durability Guidelines for Printers Not Included in Performance Guarantee

If Using	Expect Durability Similar To:
KODAK Lightfast Plus Dye	ENCAD GX
COLORSPAN EC Dye	ENCAD GX
COLORSPAN PC Pigment	ENCAD GO+
ROLAND Dye	EPSON 9000 Dye
ROLAND Pigment	EPSON 9500 Pigment
MUTOH Dye	EPSON 9000 Dye
MUTOH Pigment	EPSON 9500 Pigment

ORDERING INFORMATION

KODAK Artists' Semigloss Canvas / 20 mil

Roll Length	Roll Width / Order No.				
	24 in. (61 cm)	36 in. (91.4 cm)	42 in. (106.7 cm)	50 in. (127 cm)	60 in. (152.4 cm)
35 ft (10.7 m)	868 4219	855 9908	107 4350	103 1558	NA
16.4 ft (5 m) (sample)	NA	893 6924	NA	NA	NA

NA = Not available

PHYSICAL CHARACTERISTICS

Physical Characteristics	Value	Test Method Reference
Caliper	20 mil (508 µm)	ISO 534
Opacity	>99	Tappi T 524
CIE Whiteness	92	Tappi T 524
Weight	340 g/sm	ISO 536
Brightness	>80	Tappi T 524
60-degree Gloss	>10	ISO 7668
L*(D65/10 uvi/BBW)	>92	Tappi T 524
Flame Spread Classification	Class A	ASTM E84
Operating Conditions	59-86°F (15-30°C), 20-70% RH (non-condensing)	
Recommended Storage Conditions	68°F (20°C), 50% RH	

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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