

KODAK GO Laminates

Formerly ENCAD GO Clear Vinyl Overlaminates

GENERAL DESCRIPTION

KODAK GO Gloss and Matte Vinyl Laminates

For stunning, displays and exhibition prints of the longest durability. Ideal for outdoor applications.

- Pressure-sensitive 3.1 mil (70 um) clear, **cast vinyl** overlaminate films.
- Available in high-gloss and matte surfaces to satisfy multiple applications.
- Cast vinyl films provide industry leading durability and dimensional stability

KODAK GO Lustre Vinyl Laminate

For stunning, photo-realistic displays and exhibition prints of the medium durability. Ideal for outdoor applications.

- Pressure-sensitive 3.1 mil (70 um) clear, **calendared vinyl** overlaminate films.
- Available in luster(semi-gloss) surface.
- Calendared vinyl films provide average industry durability suitable for most applications

COMPATIBILITY

For specific laminate compatibility information for KODAK Wide-Format Inkjet Media, refer to the Inkjet Media Technical Information Sheets at www.encad.com.

Pressure-sensitive Overlaminates are generally compatible with all wide-format printers, media and ink combinations, but the specific laminate choice depends on final image application and end use. Pressure-sensitive Overlaminates are not generally recommended when image needs to be rolled and shipped due to tendency to tunnel during shipping.

Pressure- Sensitive Overlaminates do not require the use of heat so can be used with most laminator.

Pressure-sensitive Overlaminates can not be use with Hot Shoe Type of Laminators.

The KODAK GO Vinyl Laminates are vinyl based materials and are best suited to overlaminating of vinyl based medias.

STORAGE AND HANDLING

- Keep the laminate rolled in its original packaging prior to use.
- Allow the laminate to acclimate to your working environmental conditions for 24 to 48 hours before loading on the laminator.
- Once open, laminate should be stored in its original packaging using core plugs when storing flat. Otherwise, store upright. Failure to do so will cause a "flat" spot in the roll creating difficulty when using.
- Laminates may not perform well after 1 year from date of purchase. Inspect older materials for signs of aging and test before using.

FINISHING

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

Laminate Types

KODAK GO Vinyl Laminates belong to the Pressure Sensitive class.

Please refer to the Laminate Compatibility section of each KODAK Wide-Format Inkjet Media Technical Information Sheet at www.encad.com 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.

PERFORMANCE GUARANTEE

Terms, conditions and additional information about the Performance Guarantee can be found at www.encad.com.

For specific performance guarantee information for all KODAK Wide-Format Inkjet Media, refer to the Inkjet Media Technical Information Sheets at www.encad.com.

Indoor Applications (Fluorescent Display)

Encad 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. 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).

Outdoor Applications

Outdoor exposure, including exposure to ultraviolet radiation, moisture, oxidation, and chemical pollutants all influence the final outdoor longevity of a graphic image. Encad guarantees that the effects of those exposures will not affect the quality and suitability of the graphic image print, based on accepted industry test standards, for advertising purposes and other customary outdoor display uses. Specifically, Encad guarantees prints from the systems below against excessive fading, peeling, cracking, yellowing, bleeding, and running for the periods stated below.

ORDERING INFORMATION

KODAK GO Gloss Vinyl Laminate

Roll Length	Roll Width / Order No.			
	38 in. (96 cm)	44 in. (112 cm)	52 in. (132 cm)	60 in. (152 cm)
100 ft (45.7 m)	206719	209439	206716	209442

KODAK GO Matte Vinyl Laminate

Roll Length	Roll Width / Order No.			
	38 in. (96 cm)	44 in. (112 cm)	52 in. (132 cm)	60 in. (152 cm)
100 ft (45.7 m)	206720	209440	206717	209443

KODAK GO Lustre Vinyl Laminate

Roll Length	Roll Width / Order No.			
	38 in. (96 cm)	44 in. (112 cm)	52 in. (132 cm)	60 in. (152 cm)
100 ft (45.7 m)	206721	209441	208075	NA

NA = Not available

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PHYSICAL CHARACTERISTICS

These characteristics represent the laminate by itself, unapplied to any substrate or inkjet media. The final look and feel of the laminate will be determined by the media it is applied to.

Physical Characteristics	GO Glossy Vinyl	GO Matte Vinyl	GO Lustre Vinyl	Test Method Reference
Caliper, including adhesive	3.1 mil (79 µm)	3.1 mil (79 µm)	4.5 mil (115 µm)	ISO 534
Opacity without liner	<12	<15	<12	Tappi T 524
CIE Whiteness without liner	85	76	85	Tappi T 524
Brightness	90	90	87	Tappi T 524
60-degree Gloss	>80	<10	40 - 50	ISO 7668
L*(D65/10 uvi/BBW)	96			Tappi T 524
Adhesive Peel Strength (against stainless steel)	>= 2.5 lb/in			ASTM D1000, 180 Degree Peel
Operating Conditions	Minimum Application Temperature is 40°F (5°C)			
Recommended Storage Conditions	73°F (23°C), 50% RH +/- 5% RH			

* MD = machine direction; CD = cross direction

If you have questions or need assistance, visit Encad's website at www.encad.com, or in the U.S. contact Encad Technical Support at 1-877-362-2387.

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

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