

KODAK ELECTRA MAX

THERMAL PLATES

The high-performance, no-compromise plate

Maximum UV performance

UV, low-energy UV and LED-UV have many benefits for commercial and packaging printers, but it can be challenging to find a plate that stands up to UV's aggressive press chemicals, abrasive stocks and UV inks. KODAK ELECTRA MAX Thermal Plates were designed specifically to deliver long run lengths in UV applications, up to 150,000 impressions unbaked. So printers can get all the benefits of UV without sacrificing plate performance.

Maximum unbaked run lengths

ELECTRA MAX Plates also deliver long unbaked run lengths for traditional sheetfed and web applications. Eliminating postbaking saves time, reduces energy usage, and improves overall efficiency in prepress, and long run lengths on press help printers increase their productivity and profitability. ELECTRA MAX Plates can also be postbaked at low temperatures to maximize run length performance with difficult press conditions or applications.

Maximum resolution and robustness

The high resolution capabilities of ELECTRA MAX Plates help printers deliver outstanding print quality, and the sharp detail will impress both print buyers and consumers. ELECTRA MAX Plates are extremely durable, both in ordinary press

conditions and in challenging environments, such as with abrasive substrates. The durability of the plate ensures dot stability throughout the press run, reducing plate remakes and variation.

Maximum sustainability

Truly sustainable solutions are the ones that reduce environmental impact and costs while maintaining high product performance. With competitive developer cycles, low chemistry usage,* and with no need for an expensive, new plate processor, ELECTRA MAX Plates help printers reduce the cost and environmental impact of plate processing. Also, the plate's long unbaked run length capability can reduce the need for postbaking.



Image ELECTRA MAX Plates on a KODAK Platesetter for maximum imaging speed and resolution.

*volume-dependent



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General specifications	
Plate	No preheat, positive working, thermal plate with wide operating latitude; optional postbake
Application	Offset packaging applications; UV, low-energy UV, and LED-UV print applications; high-quality medium- to long-run sheetfed and heatset web / coldset web applications
Substrate	Electrochemically grained and anodized aluminum substrate
Gauge	0.15, 0.30, and 0.40 mm standard Please contact your local supplier of products from Kodak for size and gauge availability by region.
Spectral sensitivity	800 – 850 nm
Platesetter compatibility	Recommended: KODAK MAGNUS, TRENDSETTER, ACHIEVE and LOTEM Platesetters Please contact your local supplier of products from Kodak for additional accredited platesetters.
Laser energy required	90 - 110 mJ/cm ² Dependent on imager type, configuration and resolution.
AM resolution	1 – 99% @ 450 lpi Dependent upon capability of imaging device.
FM resolution	10-micron stochastic Dependent upon imaging device capabilities and screening algorithms. For optimum FM performance, Kodak recommends KODAK STACCATO Screening on KODAK Platesetters with KODAK SQUAREspot Imaging Technology.
Processors	Recommended: KODAK T-HDE, T-MDE, and T-HDX Plate Processors For other approved processors, please contact your local supplier of products from Kodak.
Processing solution	KODAK 400 xLo Chemistry System
Run length	<ul style="list-style-type: none">Up to 500,000 impressions unbaked for web applicationsUp to 350,000 impressions unbaked for sheetfed applicationsUp to 150,000 impressions unbaked for UV, low-energy UV, and LED-UV applicationsCan be postbaked for longer runs and more demanding press conditions Dependent upon image resolution, press, ink and paper conditions.
Safelight	None required – daylight handling
Packaging	Available in all standard formats

Eastman Kodak Company 343 State Street Rochester, NY 14650 USA +1-866-563-2533 in North America.
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