

# KODAK ELECTRA MAX

## THERMAL PLATES

### The high-performance, no-compromise plate

#### Maximum UV performance

UV, H-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 preheating and 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. 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, printers can reduce energy usage by eliminating preheating, and 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	
<b>Plate</b>	No preheat, positive working, thermal plate with wide operating latitude; optional postbake
<b>Application</b>	Offset packaging applications; UV and H-UV print applications; high-quality medium- to long-run sheetfed and heatset web / coldset web applications
<b>Substrate</b>	Electrochemically grained and anodized aluminum substrate
<b>Gauge</b>	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.
<b>Spectral sensitivity</b>	800 – 850 nm
<b>Platesetter compatibility</b>	Recommended: KODAK MAGNUS, TRENDSETTER, ACHIEVE and LOTEM Platesetters Please contact your local supplier of products from Kodak for additional accredited platesetters.
<b>Laser energy required</b>	90 - 110 mJ/cm <sup>2</sup> Dependent on imager type, configuration and resolution.
<b>AM resolution</b>	1 – 99% @ 450 lpi Dependent upon capability of imaging device.
<b>FM resolution</b>	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.
<b>Processors</b>	Recommended: KODAK T-HDE, T-MDE, and T-HDX Plate Processors For other approved processors, please contact your local supplier of products from Kodak.
<b>Processing solution</b>	KODAK 400 xLo Chemistry System
<b>Run length</b>	<ul style="list-style-type: none"><li>Up to 500,000 impressions unbaked for web applications</li><li>Up to 350,000 impressions unbaked for sheetfed applications</li><li>Up to 150,000 impressions unbaked for UV and H-UV applications</li><li>Can be postbaked for longer runs and more demanding press conditions</li></ul> Dependent upon image resolution, press, ink and paper conditions.
<b>Safelight</b>	None required – daylight handling
<b>Packaging</b>	Available in all standard formats

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