

# Kodak

## Electra XD

### Thermal Plates



#### On-press stability and durability

Designed to give you the ability to differentiate yourself over your competition, market-leading **Kodak Electra XD Thermal Plates** enable an environment for extremely high resolution output with the confidence of day-in and day-out consistency, exceptional press performance, and the versatility to adapt to most print conditions and run lengths.

**Electra XD Plates** perform exceptionally well in prepress and in the pressroom, where they are rated for up to 500,000 impressions without baking. These plates deliver unparalleled stability and latitude in imaging, processing, and on-press performance.

Patented custom polymer design results in outstanding durability and dot stability on press, providing excellent color control and consistent reproduction throughout the full press run — every time.

#### High quality and efficiency

**Electra XD Plates** deliver extraordinarily sharp detail and stability from mid- to long-run AM and FM applications, reducing plate remakes and variation due to dot wear and sharpening during the press run, while maximizing productivity in the pressroom. Fast imaging and processing help maximize total throughput of the complete prepress system.

**Electra XD Thermal Plates** offer an exceptional combination of quality, stability, productivity, consistency and durability, making them an excellent choice for high-quality commercial publication printing — from the shortest to the longest run jobs.

#### Minimizing environmental impact

With the introduction of the new **Kodak 400 xLo Chemistry System**,\* you can experience all of the proven benefits of the **Electra XD Plate** now combined with a significant reduction in chemistry usage and generated spent chemistry, extended bath life and cycle period requiring less interventions—all without the need to purchase a new plate processor. The **Kodak 400 xLo Chemistry System** can save you time and money while contributing to your sustainability goals.

In the pressroom, **Electra XD Plates** are compatible with most alcohol substitute and replacement fountain systems, enabling you to keep up with today's environmental and business demands. Press makereadies are extremely efficient with these premier plates, minimizing paper and ink waste while maintaining wide latitude on press.

The chemical and mechanical durability of **Electra XD Plates** means that postbaking is required only in the most extreme environments, such as UV print applications, harsh paper or chemical conditions, or extreme run lengths.

#### A legacy and future of innovation

Kodak is a world leader in digital plates. We invented thermal CTP technology in 1995 and have been committed to delivering innovative digital plate solutions ever since.



### Low Chemistry

KODAK ELECTRA XD Plates offer up to 56% lower chemistry consumption when used with KODAK 400 xLo Chemistry\*\*

\* As compared to the **Kodak 300 Thermal Plate Developer**

\*\*This system consists of the new **Kodak 400 xLo Plate Solution** and **Kodak 400 xLo Plate Replenisher**

# Kodak Electra XD Thermal Plates

## Technical specifications

Plate	Non-ablative, positive working, thermal digital plate with wide operating latitude; optional postbake for extremely long runs and resistance to aggressive press chemistry such as UV inks and blanket washes.
Application	High quality medium to long run sheetfed and heatset web / coldset web offset applications
Substrate	Electrochemically grained and anodized aluminum substrate
Gauge	0.15 mm, 0.20 mm, 0.30 mm 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: <b>Kodak Trendsetter</b> , <b>Kodak Lotem</b> and <b>Kodak Magnus</b> Platesetters Other compatible platesetters: <b>Screen</b> PT-R Platesetters, <b>Heidelberg Topsetter</b> and <b>Suprasetter</b> Platesetters, and <b>Luscher Xpose!</b> Platesetters
Laser energy required	90 - 110 mJ/cm <sup>2</sup> with <b>Kodak 400 xLo</b> Chemistry System and <b>Kodak 300</b> Thermal Plate Developer 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 <b>Kodak Staccato</b> Screening on <b>Kodak SQUARESPOT</b> Imaging Technology Devices.
Processors	Recommended: <b>Kodak Mercury</b> T-HD Plate Processor, <b>Kodak T</b> Plate Processor and <b>Kodak T-HDX</b> Plate Processor For other approved processors, please contact your local supplier of products from Kodak.
Processing solution	<b>Kodak 400 xLo</b> Chemistry System and <b>Kodak 300</b> Thermal Plate Developer
Run length	Up to 500,000 impressions unbaked; 1,000,000+ baked Dependent upon image resolution, press, press chemical, ink and paper conditions.
Safelight	None required - daylight handling
Shelf life	12 months, under recommended storage conditions
Packaging	Available in all standard formats



### To learn more about solutions from Kodak:

Visit [graphics.kodak.com](http://graphics.kodak.com)

Produced using Kodak Technology.

Eastman Kodak Company  
343 State Street  
Rochester, NY 14650 USA

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