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 350,000 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 **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.

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.

* 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	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: **Kodak Magnus, Trendsetter, Achieve,** and **Lotem** Platesetters Other compatible platesetters: **Screen** PT-R Platesetters, **Heidelberg Topsetter** and **Suprasetter** Platesetters, and **Luscher Xpose!** Platesetters
Laser energy required	90 - 110 mJ/cm^2 with **Kodak** 400 xLo Chemistry System 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 SQUARESPOT** Imaging Technology Devices.
Processors	Recommended: **Kodak** T-HDK, T-HDX, T, and **Mercury** T-HD Plate Processors For other approved processors, please contact your local supplier of products from Kodak.
Processing solution	**Kodak** 400 xLo Chemistry System
Run length	Up to 350,000 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

Produced using **Kodak** Technology.

Eastman Kodak Company
343 State Street
Rochester, NY 14650 USA

©Kodak, 2013. Kodak Achieve, Electra, Lotem, Magnus, Mercury, SQUARESPOT, Staccato and Trendsetter are trademarks of Kodak.

Subject to technical change without notice.

W.PC.874.0713.en.06 (K-228)

Kodak YELLOW CHANGES EVERYTHING