



KODAK ELECTRA XD THERMAL PLATES

Extremely high resolution for premium performance

On-press stability and durability

Designed to give you the ability to differentiate yourself over your competition, 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. Electra XD Plates can be baked for run lengths of 1 million impressions and for additional durability with harsh press chemicals and UV. These plates deliver stability and latitude in imaging, processing, and on-press performance.

High quality and efficiency

Electra XD Plates deliver extraordinarily sharp detail and stability, reducing plate remakes and variation due to dot wear and sharpening during the press run. 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 and 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 with low chemistry usage and generated spent chemistry, extended bath life and cycle length requiring fewer 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 premium plates, minimizing paper and ink waste while maintaining wide latitude on press.

* This system consists of the KODAK 400 xLo Plate Solution and KODAK 400R xLo Plate Replenisher.



KODAK ELECTRA XD

THERMAL PLATES

General specifications	
Plate	Positive working, thermal digital plate with wide operating latitude; optional postbake for extremely long runs, though, required for optimal 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 aluminium 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 - 130 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 TI 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	Up to 350,000 impressions unbaked; 1,000,000+ baked; must be baked for UV Dependent upon image resolution, press, press chemical, ink and paper conditions.
Safelight	None required - daylight handling
Packaging	Available in all standard formats

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