



# Kodak

## Electra XD

### Thermal Plates

#### On-press stability and durability

**Kodak Electra** XD Thermal Plates represent an innovative new technology platform built upon the legacy of the world's best-selling digital thermal plate: the **Kodak Electra Excel** Thermal Plate.

**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 colour control and consistent reproduction throughout the full press run — every time.

#### High quality and efficiency

**Electra** XD Plates deliver extraordinarily sharp detail for extremely long, stable runs in both AM and FM applications, minimising plate remakes and

variation due to dot wear and sharpening, and maximising productivity in the pressroom. The elimination of preheating, as well as fast imaging and processing, helps maximise productivity in prepress.

#### Minimising environmental impact

Compatible with most alcohol substitute and replacement fountain systems and highly resistant to pressroom chemicals, **Electra** XD Plates enable printers to keep up with today's environmental and business demands. Press makereadies are extremely efficient with these premier plates, minimising 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 with conditions found with some UV inks, and associated washes, where we recommend postbaking.

**Electra** XD Plates also require lower developer consumption, allowing longer bath life and cleaner processing, reducing cost per plate and minimising chemical waste, maintenance, and impact on the environment.

#### A legacy and future of innovation

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

**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 you have.

# Kodak Electra XD Thermal Plates

## DIGITAL PLATES

Technical specifications	Kodak Goldstar Premium Plate Developer	T203 Plate Developer
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 / coldset web offset applications	
Substrate	Electrochemically grained and anodised aluminium substrate	
Gauge	0.15mm (.006"), 0.20mm (.008"), 0.24mm (.010"), 0.30mm (.012") and 0.40mm (.015")	
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 PT-R</b> Platesetters, <b>Heidelberg Topsetter</b> and <b>Suprasetter</b> Platesetters, and <b>Luscher Xpose!</b> Platesetters	
Laser energy required	110 mJ/cm <sup>2</sup> - 130 mJ/cm <sup>2</sup>	90 mJ/cm <sup>2</sup> - 110 mJ/cm <sup>2</sup>
Resolution	1% to 99% @ 250 lpi with <b>Kodak SQUAREspot</b> Imaging Technology	
FM capability	10 micron stochastic For optimum FM performance, Kodak recommends <b>Kodak Staccato</b> Screening on <b>Kodak SQUAREspot</b> Imaging Devices.	
Processors	Recommended: <b>Kodak Mercury T-HD</b> Plate Processors and <b>Kodak T</b> Plate Processors For other approved processors, please contact your local supplier of products from Kodak.	
Developer	<b>Kodak Goldstar Premium</b> Plate Developer	<b>T203</b> Plate Developer
Finisher	<b>Kodak 850S</b> Plate Finisher / <b>Kodak 804</b> Prebake Solution (optional)	
Processing	900mm/min at 23°C +/- 2°C, depending on processor type and configuration (36 sec. dwell time)	1500mm/min at 23°C +/- 2°C, depending on processor type and configuration (21 sec. dwell time)
Run length <sup>1</sup>	500,000 impressions unbaked, 1,500,000 baked. 250,000 impressions with UV or EB inks after postbaking.	
Safelight	None required - daylight handling	
Shelf life	12 months, under recommended storage conditions	
Packaging	Available in all standard formats, including bulk and Auto Pallet Loader (APL) formats	
Storage and handling	Unopened plate packs should be stored flat and away from excessive cold, heat and humidity. Use in a controlled environment of 10° - 26°C and 40-80% RH, non-condensing.	
Availability	Controlled sales. Contact your local representative of products from Kodak.	

<sup>1</sup> Actual run length may vary according to press, ink and paper conditions.

### To learn more about solutions from Kodak:

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

Produced using **Kodak** Technology.

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