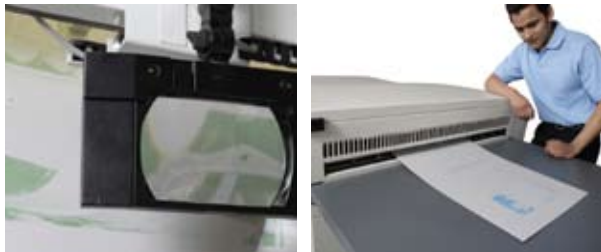


- **Kodak DITP Gold** Thermal Plates deliver exceptional imaging and on-press stability and performance at very high resolution. Postbaking adds capability of long run lengths and high chemical resistance.
- **Kodak ThermalNews Gold** Digital Plates provide high-quality thermal CTP printing for newspapers, with increased productivity and run lengths of 200,000+ without postbaking.

Violet Plate Family

Violet plates from Kodak provide more choice for today's CTP customers by bringing the low cost of violet laser technology to newspaper and commercial environments. These fast-imaging photopolymer plates from Kodak use the same high quality grained and anodised aluminium substrate as Kodak's market-leading thermal plates, delivering crisp, clean images with stable reproduction.

- **Kodak VioletNews Gold** Digital Plates offer fast imaging and processing for demanding, high-productivity newspaper environments, as well as resilient press performance and low developer consumption. An improved plate and developer system offers a very low replenishment rate and lower chemical usage with extended bath life, resulting in chemical savings, waste reduction and environmental improvement.
- **Kodak Violet Print** Digital Plates offer fast imaging and processing for exceptional productivity under a variety of usage conditions and print applications. This plate is compatible with most market-leading violet plate platesetters with 30mW laser power or higher.



Pocket Guide to Kodak Digital Offset Plates

Digital Offset

The cornerstone of printing, the quality of a plate can make or break a print run. Kodak offers a range of plates that integrate with both thermal and violet CTP devices, as well as a revolutionary non process thermal plate. Combined with our exceptional service, our plates help ensure consistent, high-quality presswork.

Thermal Plate Family

Thermal plates from Kodak offer you precise, repeatable dots on press for consistent, predictable results. Customers can choose from a wide range of **Kodak** Thermal Plates, including preheat or no-preheat plates, postbake or no-postbake plates and non process thermal plates.

- **Kodak Electra XD** Thermal Plates are the latest innovation from Kodak. Specially formulated to provide exceptional unbaked run length and image consistency, they deliver the highest print quality of any **Kodak** Thermal Plate in both sheetfed and web applications, day after day.
- **Kodak Electra Excel HR** Thermal Plates are suitable for use in a diverse range of printing environments, including web publication, commercial sheetfed and packaging. These plates perform exceptionally well on press, delivering consistent, predictable results day in and day out.
- **Kodak Sword Ultra** Thermal Plates deliver exceptional quality and durability. These plates are ideal for printers who need a robust CTP plate, require high productivity, and want to avoid the space, cost and time consumed by postbake ovens.
- **Kodak Thermal Direct** Non Process Plates eliminate the installation, management and maintenance of the traditional wet-chemical plate processing system, saving you time and money.



To learn more about solutions from Kodak:
Visit graphics.kodak.com

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Commercial, Newspaper and Packaging Applications

Product Name	Technology	Short-run Commercial	Long-run Commercial	Heatset Web	Newspaper	Packaging	Books/Posters	UV/metallic inks	Contrast	Sensitivity	Run length unbaked	Run length baked	Run length with UV inks	AM Screening	FM Screening	Recommended Processors	Recommended Chemistry	Remarks
Electra XD Thermal Plates	Thermal No Preheat	X	X	X		X	X	X	Excellent	90 mJ/cm ² - 110 mJ/cm ²	500,000	1,000,000 plus	Must be postbaked - 200.000	1% to 99% @ 450 lpi	FM10 micron stochastic*	Kodak Mercury T-HD, Kodak T-XD and T Plate Processors	Kodak Goldstar Premium Plate Developer Kodak 300 Thermal Plate Developer	<ul style="list-style-type: none"> One of the most productive no-preheat technologies on the market Extraordinary latitude for most imaging, processing and pressroom application Reliable and consistent imaging with the highest resolution output Excellent image durability and dot stability in unbaked applications Versatility to be postbaked to meet almost any application
Electra Excel HRL/HRO Thermal Plates	Thermal No Preheat	X	X	X		X		X	Excellent	130 mJ/cm ² - 150 mJ/cm ²	150,000	1,000,000	With postbaking	1% to 99% @ 250 lpi	20 micron stochastic*	Kodak Mercury T-HD, Kodak T-XD and T Plate Processors	Kodak Goldstar Premium Plate Developer	<ul style="list-style-type: none"> Long trusted history of performance Excellent fit for general commercial applications Mid-level productivity and resolution Versatility to be postbaked to fulfill many customer needs
Sword Ultra Thermal Plates	Thermal No Preheat		X	X		X		X	Excellent	120 mJ/cm ² - 130 mJ/cm ²	400,000	1,500,000	Up to 150,000 unbaked, can be postbaked for extended UV ink printing	1% to 99% @ 200 lpi	20 micron stochastic* accreditation in progress	Kodak Mercury T-HD, Kodak T-XD and T Plate Processors	Kodak Goldstar Premium Plate Developer Kodak 300 Thermal Plate Developer	<ul style="list-style-type: none"> Premium positive plate ideal for the most challenging press conditions Also ideal for alcohol substitute or replacement fountain solutions Well suited to the packaging market, UV ink presses, and heatset web printers
Thermal Direct Non Process Plates	Thermal Non Process	X							Low	325 mJ/cm ²	100,000	Not applicable	Not applicable	1% to 98% @ 200 lpi	25 micron stochastic*	None required	None required	<ul style="list-style-type: none"> Full elimination of all processing equipment and chemistry Opportunity for significant cost savings on equipment, floor space, chemistry, water and maintenance Environmentally responsible choice that eliminates plate processing equipment and associated chemistry, water, energy use, and waste generation
DITP Gold Thermal Plates	Thermal Preheat		X	X		X	X	X	Good	90 mJ/cm ² - 110 mJ/cm ²	250,000	1,000,000 plus	With postbaking	1% to 99% @ 450 lpi	10 micron stochastic*	Kodak Mercury T-HD, Kodak T-XD and T Plate Processors	Kodak 182 Thermal Plate Developer Kodak 200 Thermal Plate Developer Kodak 220R Thermal Plate Replenisher	<ul style="list-style-type: none"> Exceptionally stable operation Excellent imaging and on-press performance Extremely durable in postbaked environments Also available in extremely large format press sizes
ThermalNews Gold Digital Plates	Thermal Preheat			X	X		X		Good	70 mJ/cm ² - 80 mJ/cm ²	200,000+	600,000	With postbaking	2% to 98% @ 150 lpi	36 micron stochastic for Newspaper applications	Kodak Mercury P-HD Plate Processors Kodak P-LD Plate Processors	Kodak 980 Thermal Plate Developer	<ul style="list-style-type: none"> Improved resolution for premium newspaper printing, as well as high-quality colour printing of flyers, inserts, and commercial pieces Fast imaging speeds and clean, high-productivity processing for consistent newspaper platemaking
VioletNews Gold Digital Plates	Violet				X				Excellent	50 mJ/cm ²	200,000	500,000	With postbaking	Suitable for all standard newspaper resolution requirements	Not applicable	Kodak Mercury P-HD Plate Processors Kodak P-LD Plate Processors	Kodak 206 Violet Plate Developer Kodak 206R Violet Plate Replenisher	<ul style="list-style-type: none"> Fast imaging speeds and resilient on-press performance Wide exposure and development latitude for exceptionally consistent performance Low cost of entry for printers entering CTP arena A clean processing system with simple water wash maintenance regime Very low chemical usage due to reduced replenishment rates and extended bath life.
Violet Print Digital Plates	Violet	X	X					X	Excellent	30 mJ/cm ² - 40 mJ/cm ²	200,000	500,000	With postbaking	2% to 98% @ 200 lpi	Not applicable	Kodak Mercury P-HD Plate Processors Kodak P-LD Plate Processors	Kodak 500 Violet Plate Developer Kodak 550R Violet Plate Replenisher	<ul style="list-style-type: none"> High level of quality, consistency and productivity Low cost of entry for printers entering CTP arena A clean processing system with simple water wash maintenance regime

Ideal
 Ideal when postbaked
 Ideal, depending on press conditions and run length



* For optimum FM performance, Kodak recommends **Kodak Staccato** Screening Technology on **Kodak SQUARESPOT** Imaging Devices.