Kodak

ThermalNews Gold

Digital Plates

Exceptional productivity and high-quality printing

Kodak ThermalNews Gold Digital Plates are designed specifically to meet the demanding requirements of newspaper printers. **ThermalNews Gold** Plates offer improved resolution for premium newspaper printing as well as color printing of flyers, inserts, and commercial pieces.

ThermalNews Gold Plates deliver fast imaging speeds and crisp, clean dots for highly productive, stable newspaper plate making.

Outstanding on-press performance

Outstanding press characteristics set **ThermalNews Gold** Plates apart from other thermal plate options on the market. Rapid roll ups, quick restarts, and excellent ink/water balance help improve your press performance. Excellent ink receptivity increases productivity and quality. Rated for up to 200,000 impressions, **ThermalNews Gold** Plates perform consistently and reliably in a wide range of production environments.

Clean processing

ThermalNews Gold Plates use clean-working, negative developers in an easy-to-maintain dedicated processing system. Kodak offers a choice of two developers: **Kodak** 1080 Thermal Plate Developer, the standard product featuring a long developer life cycle and low replenishment rate, and **Kodak** 1090 Thermal Plate Developer, a premium product which offers the ability to further extend the bath cycle life where this is desired. Also, the compact **Kodak Mercury** P-HD Plate Processor enables optimal utilization of valuable floor space.

Long processing cycles

In addition, the **ThermalNews Gold** Plate with **Kodak** 1090 Developer has longer processing cycles and uses equal or less developer than competitive solutions, including "chemistry free" plates. Longer cycles mean fewer developer changes for fewer interruptions, more uptime, and reduced cleaning expenses.

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. Today, thermal imaging is the CTP technology of choice, delivering exceptional stability, quality and productivity to printers around the world.

Kodak ThermalNews Gold Digital Plates

Technical specifications

Plate	Negative working, thermal digital plate
Application	Newspaper and poster print applications
Aluminum	Electrochemically grained and anodized aluminum substrate
Gauge	0.20 mm, 0.24 mm and 0.30 mm
Plate size	All standard newspaper sizes Available up to 1560mm (61") short grain width for poster printing applications
Spectral sensitivity	800 - 850 nm
Platesetter compatibility	Recommended: **Kodak Generation News** and **Kodak Trendsetter News** Platesetters
Laser energy required	70 mJ/cm^2 - 75 mJ/cm^2 Dependent on imager type, configuration and resolution.
Resolution	2% to 98% at 150 lpi Dependent upon capability of imaging device.
FM capability	36 micron for newspaper printing applications For optimum FM performance, Kodak recommends **Kodak Staccato** or **Kodak Staccato** CX Screening on devices with **Kodak** SQUARESPOT Imaging Technology.
Processors	Recommended: **Kodak Mercury** P-HD and **Kodak** P-LD Plate Processors For other approved processors, please contact your local supplier of products from Kodak.
Developer	**Kodak** 1080 Thermal Plate Developer **Kodak** 1090 Thermal Plate Developer
Run length	Up to 200,000 impressions unbaked Dependent upon image resolution, press, press chemical, ink and paper conditions. Longer run lengths possible when baked.
Safelight	For manual handling and platesetter loading, operate under yellow safelight.
Shelf life	12 months, under recommended storage conditions
Packaging	Available in all standard formats, including bulk packaging options

To learn more about solutions from Kodak:
Visit graphics.kodak.com
Or in North America, call +1-866-563-2533

Produced using **Kodak** Technology.

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Kodak YELLOW CHANGES EVERYTHING