



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 platemaking.

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 200,000+ impressions, **ThermalNews Gold** Plates perform consistently and reliably in a wide range of production environments.

Clean, easy-to-maintain processing

ThermalNews Gold Plates use a clean-working, negative developer, in an easy-to-maintain dedicated processing system. **Kodak 1080** Plate Developer features a long developer life cycle, with low replenishment rates, reducing chemistry usage and costs. Also, the compact **Kodak Mercury P-HD** Plate Processor enables optimal utilization of valuable floorspace.

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. 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

DIGITAL PLATES

Technical specifications

Plate	Negative working, thermal digital plate
Application	Newspaper and poster print applications
Aluminum	Electrochemically grained and anodized aluminum substrate
Gauge	0.20mm (.008"), 0.24mm (.010") and 0.30mm (.012")
Plate size	All standard newspaper sizes Available up to 1560mm (61") short grain width for poster printing applications
Spectral sensitivity	800 - 850nm
Platesetter compatibility	Recommended: Kodak Generation News and Kodak Trendsetter NEWS Platesetters
Laser energy required	70 mJ/cm ² - 80 mJ/cm ²
Resolution	2% to 98% at 150 lpi
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 Plate Developer
Processing	Developer temperature 23°C +/- 2°C (73°F +/-4°F) Dwell time 20 seconds
Run length ¹	200,000+ impressions unbaked
Plate finisher	Kodak 850S Plate Finisher When storing processed plates, Kodak recommends an additional use of Kodak Multigum Plate Finisher.
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
Storage and handling	Unopened plate packs should be stored away from excessive cold, heat, humidity and direct sunlight. Use in a controlled environment of 40 - 60% RH and 21°C - 24°C (68°F - 75°F).

¹ Actual run length may vary according to press, ink and paper conditions.

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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