



Kodak DITP Gold thermal plates

Premier choice for high quality, long run printing

Continual improvements in productivity and performance have made **Kodak DITP Gold** thermal plates the premier choice for high quality, long run printing. **DITP Gold** plates offer you superb resolution, enabling you to deliver the best possible print quality with proven FM screening. Known for high durability and consistent, reliable on-press performance, **DITP Gold** plates are rated for up to 250,000 impressions unbaked and 1,000,000 impressions when postbaked.

DITP Gold plates have an established track record for high volume applications. The thermal plate technology on which **DITP Gold** is built has won numerous industry accolades since being introduced in 1996. In addition,

Kodak DITP Gold plates are optimised for **Staccato** screening, which produces high fidelity, artifact-free images that exhibit fine detail without halftone rosettes, screening moiré or abrupt shifts in tone.

Fast, versatile CTP imaging, highly efficient processing

DITP Gold plates have a high speed coating that improves platesetter productivity and throughput. Broad spectral sensitivity ensures compatibility with many market-leading thermal platesetters, including the fastest devices on the market. **DITP Gold** plates can be intermixed with **Kodak** conventional positive plates in the same processor and chemistry, helping you maximise efficiency.

A legacy and future of innovation

Kodak is the world leader in digital plates. We invented thermal CTP in 1995 and have been committed to delivering innovative digital plate solutions ever since. **DITP Gold** plates deliver outstanding reliability, productivity and performance for high resolution, long run printing, making them an excellent choice for applications such as publications and packaging.

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DIGITAL PLATES

Technical specifications

Plate	Negative working, preheat thermal digital plate with high resolution, durable press capability and optional postbake for long runs
Application	Long run web offset, packaging and VLF applications
Aluminium	Electrochemically grained and anodised aluminium substrate
Gauge	0.15mm, 0.20mm, 0.24mm, 0.30mm, 0.40mm and 0.50mm
Maximum short grain width	1560mm
Spectral sensitivity	800 - 850nm
Platesetter compatibility	Recommended: Kodak Trendsetter , Kodak Lotem and Kodak Magnus platesetters Other accredited platesetters: Heidelberg Topsetter and Suprasetter platesetter range, Luscher Xpose! platesetter range and Agfa Xcalibur platesetter range
Laser energy required	90 mJ/cm ² - 110 mJ/cm ²
Resolution	1% to 99% @ 400 lpi
FM capability	10 micron stochastic For optimum FM performance, Kodak recommends Staccato screening on Kodak SquareSpot imaging devices.
Processors	Recommended: Kodak Mercury processors, Kodak Quartz and Kodak PlateTech processors For other approved processors, please contact your local supplier of products from Kodak's Graphic Communications Group.
Developers	Kodak Thermal 182 developer Kodak Thermal 200 developer and 220R replenisher
Processing	Developer temperature 24°C +/- 1°C Dwell time 28 - 35 seconds
Plate intermix	Kodak Capricorn Excel plates, Kodak PP3 plates
Run length ¹	250,000 impressions unbaked Over 1 million baked
Plate finisher	Kodak 850S finisher When storing processed plates, Kodak recommends an additional use of Kodak Multigum finisher.
Safelight	For manual handling and platesetter loading, operate in yellow safelight.
Shelf life	18 months, under recommended storage conditions
Packaging	Available in all standard formats, including bulk packaging options
Storage and handling	Unopened plate packs should be stored flat and away from excessive cold, heat and humidity. Use in a controlled environment of 40 - 70% RH and 16° to 26°C.

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

To learn more about solutions from Kodak:

Visit graphics.kodak.com

Headquarters EAMER

Waterloo, Belgium
T. +32.2.352 25 11
F. +32.2.352 09 15

Printed using Kodak technology

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