



## 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.

# Kodak DITP Gold Thermal Plates

## 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: <b>Kodak Trendsetter</b> , <b>Kodak Lotem</b> and <b>Kodak Magnus</b> Platesetters<br>Other accredited platesetters: <b>Heidelberg Topsetter</b> and <b>Suprasetter</b> Platesetters, <b>Luscher Xpose!</b> Platesetters and <b>Agfa Xcalibur</b> Platesetters |
| Laser energy required     | 90 mJ/cm <sup>2</sup> - 110 mJ/cm <sup>2</sup>  |
| Resolution                | 1% to 99% @ 400 lpi   |
| FM capability             | 10 micron stochastic<br>For optimum FM performance, Kodak recommends <b>Staccato</b> Screening on <b>Kodak SQUAREspot</b> Imaging Devices.  |
| Processors                | Recommended: <b>Kodak Mercury T-HD</b> Plate Processors<br>For other approved processors, please contact your local supplier of products from Kodak.  |
| Developers                | <b>Kodak 182</b> Thermal Plate Developer<br><b>Kodak 200</b> Thermal Plate Developer and <b>Kodak 220R</b> Thermal Plate Replenisher  |
| Processing                | Developer temperature 24°C +/- 1°C<br>Dwell time 28 - 35 seconds  |
| Plate intermix            | <b>Kodak Capricorn Excel</b> Positive Plates, <b>Kodak PP3</b> Positive Plates  |
| Run length <sup>1</sup>   | 250,000 impressions unbaked<br>Over 1 million baked   |
| Plate finisher            | <b>Kodak 850S</b> Plate Finisher<br>When storing processed plates, Kodak recommends an additional use of <b>Kodak Multigum</b> Plate 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° - 26°C.  |

<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)

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