

Kodak Winner Gold negative plates



Exceptional durability and versatility

Kodak Winner Gold negative plates deliver reliability and durability under the toughest of conditions. Users can depend on consistent, reliable performance, giving high quality images time after time in even the most demanding conditions, including newspaper, packaging and continuous stationery production, in both high quality sheetfed printing and commercial web applications.

Winner Gold plates can handle runs of 400,000 impressions with normal inks, and up to 50,000 impressions with UV or metallic inks.

High productivity

Economy is further enhanced by fast exposures with rapid drawdown. This gives productivity a significant boost because less time is spent in the contact frame and in step-and-repeat operations. Furthermore, inspection and correction are extremely efficient due to the high visibility of the image after exposure, and excellent contrast after development.

Excellent on-press performance

The image and non-image areas of the plate are built to resist abrasion, UV inks and a wide range of press chemicals, giving reliable press performance and longevity without compromising quality. Wide latitude during

exposure and development enables results to be repeated consistently, while fast roll up and excellent ink/water balance further enhance press performance.

A legacy and future of innovation

Kodak has been supplying materials to the graphic arts industry since 1912. Today, as the world's foremost imaging innovator, we remain committed to delivering industry leading consumables to printers around the globe. **Kodak Winner** Gold plates' exceptional quality and durability make them ideal for high quality sheetfed printing, as well as packaging, newspaper and commercial web applications.

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Conventional plates

Technical specifications

Plate	Negative working, conventional plate.
Application	Long run, high quality commercial, packaging and newspaper applications.
Aluminium	Electrochemically grained and anodised aluminium substrate.
Gauge	0.15mm, 0.20mm, 0.30mm, 0.40mm and 0.50mm
Maximum short grain width	1500 mm
Exposure	Can be exposed with standard metal-halide lamps. The wide spectral sensitivity ranging from 350 - 450 nm allows the use of gallium or iron doped lamps. Correct exposure should be determined using a suitable test target, such as UGRA step wedges. Recommendation: Halftone step 2-3 Solid, Halftone step 8-9 Open Micro lines 4 mm positive, 10 mm negative
Resolution	2% to 99% @ 150lpi
Processors	Recommended: Kodak Sword plate processor For other approved processors, please contact your local supplier of products from Kodak's Graphic Communications Group.
Developer	Kodak 956 negative plate developer - RTU Kodak 960 plate developer concentrate: Dilute 1 part dev + 3 parts water
Processing	Development time 20-30 seconds Developer temperature 25°C +/- 2°C Dwell time 20-30 seconds Depending on the processor model, we recommend using brushes in the developer section.
Replenishment	Top up with Kodak 956 or 960 developer diluted 1 + 3: typically 30 - 50 mls per sm
Gumming	Kodak 850S plate finisher, Kodak 850 neutral gum . Use 850S plate finisher diluted 1 + 1 with water for short term storage only (up to 14 days). For longer storage use 850 neutral gum applied evenly without streaks. Avoid drying temperatures over 50°C.
Deletion	Use Kodak 231 correction fluid, Kodak C 41 / C 42 deletion pens to carry out deletions on gummed plates, allowing a deletion time of 60 seconds. Avoid dry out of deleted areas. After correction, rinse with water and re-gum with 850S plate finisher.
Run length ¹	400,000 impressions, 50,000 impressions (UV applications)
Plate finisher	Kodak Multigum finisher or Kodak 850S plate finisher. Use Kodak Ultratherm prebake solution for plate protection during baking.
Plate cleaner	Kodak Hi-Tone plate cleaner
Safelight	Handle under yellow safelight (UV free) until processed.
Shelf life	18 months
Packaging	Available in all standard formats, including bulk packaging options.
Storage and handling	Unopened plate packs should be stored flat, away from excessive cold, heat, humidity and direct sunlight.

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

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

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