Kodak Violet Print Digital Plates

High quality, low cost photopolymer CTP option

Kodak Violet Print Digital Plates provide another option to commercial printers using violet photopolymer plates. In a CTP environment where fast exposure speeds, low costs and high plate throughput are required, **Kodak Violet Print** Plates deliver the imaging speeds and resilient on-press performance you need to maximize efficiency and minimize costs.

Quality, wide latitude and exceptional performance

We use the same high quality grained and anodized aluminum substrate with **Violet Print** Plates as with our market-leading thermal plates, delivering crisp, clean images with stable reproduction. The excellent graining and anodizing properties of **Violet Print** Plates give them remarkable tolerance to a wide variety of press conditions. They roll up to color and restart quickly, saving valuable time on press.

Kodak's image coating technology gives **Violet Print** Plates wide exposure and development latitude, which provide exceptional consistency in plate performance. The plate's strong final image color is fully compatible with plate scanners, making inspection and deletions easy. **Violet Print** Plates are durable as well. **Violet Print** Plates are rated for run lengths of up to 200,000 impressions and can be baked for extra tough press conditions.

Reduced cost through simple processing

Violet Print Digital Plates are compatible with most market-leading photopolymer platesetters with 30mW laser power or higher. Use **Violet Print** Plates with your existing processor, or choose our fully optimized system with a **Kodak** Plate Processor.

Using dedicated **Kodak** Chemistry reduces cost and supports a trouble-free, clean-working operation, with long developer life cycle and low replenishment rates.

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. Now **Kodak Violet Print** Plates' quality, productivity and cost efficiency provide more choice than ever to today's CTP customers.

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DIGITAL PLATES

Technical specifications

Plate	Negative working, violet photopolymer digital plate
Application	Commercial print applications
Aluminum	Electrochemically grained and anodized aluminum substrate
Gauge	0.15mm (.0055"), 0.20mm (.008") and 0.30mm (.012")
Plate size	All standard sizes
Spectral sensitivity	405nm
Platesetter compatibility	**Kodak Violet Print** Plates are compatible with most market-leading violet platesetters with 30mW laser power or higher.
Laser energy required	40 - 50 μJ/cm^2
Resolution	2% to 98% @ 200 lpi, platesetter dependent
Processors	Recommended: **Kodak Mercury** P-HD Plate Processors and **Kodak** P-LD Plate Processors For other approved processors, please contact your local supplier of products from Kodak.
Developers	**Kodak** 500 Violet Plate Developer and **Kodak** 550R Violet Plate Replenisher
Processing	Developer temperature 73°F +/-2°F (23°C +/- 1°C) Dwell time 20 seconds
Run length[1]	200,000 impressions
Plate finisher	**Kodak** 850S Plate Finisher
Safelight	For manual handling and platesetter loading, darkroom conditions with G10 safelights are required.
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 flat and away from excessive cold, heat, humidity and direct sunlight. Use in a controlled environment of 40 - 60% RH and 70°F - 75°F (21°C - 24°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
Or in North America, call +1-866-563-2533

Produced using **Kodak** Technology.

Eastman Kodak Company
343 State Street
Rochester, NY 14650 USA

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