



Kodak VioletNews digital plates

New CTP option for the newspaper industry

As a newspaper printer, you may have chosen violet laser imaging for the extremely fast exposure speeds, low costs and high plate throughput this technology offers. Kodak understands the special challenges of newspaper production environments and introduces a violet plate choice for your CTP workflow that meets those needs. **Kodak VioletNews** digital plates deliver the fast imaging speeds and resilient on-press performance you need to maximise efficiency and minimise costs.

Quality and performance

We use the same high quality grained and anodised aluminium substrate with **VioletNews** plates as with our market-leading thermal plates. The excellent graining and anodising properties of **VioletNews** plates give them remarkable

tolerance to a wide variety of press conditions. Kodak's image coating technology gives **VioletNews** plates wide exposure and development latitude, which provide exceptional consistency in plate performance. **VioletNews** plates have a strong final image colour that is fully compatible with plate scanners, making inspection and deletions easy. **VioletNews** plates are durable as well. They 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

VioletNews digital plates are compatible with all market-leading photopolymer platesetters with 30mW laser power or higher. Use **VioletNews** plates with your existing processor, or choose our fully optimised system with the **Kodak Compact Violet** processor.

Using dedicated **Kodak** chemistry reduces cost and supports a trouble-free, clean-working operation, with long developer life 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. For quality, productivity and cost efficiency, the **Kodak VioletNews** plates provide more choice than ever to the newspaper industry.

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DIGITAL PLATES

Technical specifications

Plate	Negative working, violet photopolymer digital plate
Application	Newspaper print applications
Aluminium	Electrochemically grained and anodised aluminium substrate
Gauge	0.20mm and 0.30mm
Plate size	All standard newspaper sizes
Spectral sensitivity	405nm
Platesetter compatibility	Kodak VioletNews plates are compatible with most market-leading violet platesetters with 30mW laser power or higher.
Laser energy required	40 - 50 $\mu\text{J}/\text{cm}^2$
Resolution	Suitable for all standard newspaper resolution requirements
Processors	Recommended: Kodak Compact Violet and Kodak Mercury News plate processors For other approved processors, please contact your local supplier of products from Kodak's Graphic Communications Group.
Developers	Kodak Violet 500 developer and 550R replenisher
Processing	Developer temperature 23°C +/- 1°C Dwell time 20 seconds
Run length ¹	200,000 impressions
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, 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 or humidity. Use in a controlled environment of 40 - 60% RH and 21° to 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

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Printed using Kodak technology

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