



## Kodak VioletNews Digital Plates

### 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 new plate option for your violet CTP workflow. **Kodak VioletNews** Digital Plates deliver fast imaging speeds and resilient on-press performance that you need to minimize costs.

### Quality and performance

We use the same high quality grained and anodized aluminum substrate with **VioletNews** Plates as with our market-leading thermal plates. The excellent graining and anodizing 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 color 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. **VioletNews** Plates can be processed in your existing processor, or you may choose our fully optimized system with the **Kodak P-LD Plate 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.

# Kodak VioletNews Digital Plates

## DIGITAL PLATES

### Technical specifications

Plate	Negative working, violet photopolymer digital plate
Application	Newspaper print applications
Aluminum	Electrochemically grained and anodized aluminum substrate
Gauge	0.20mm and 0.30mm
Plate size	All standard newspaper sizes
Spectral sensitivity	405nm
Platesetter compatibility	<b>Kodak VioletNews</b> 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: <b>Kodak P-LD</b> and <b>Kodak Mercury P-HD</b> Plate Processors For other approved processors, please contact your local supplier of products from Kodak.
Developers	<b>Kodak 500</b> Violet Plate Developer and <b>Kodak 550R</b> Violet Plate Replenisher
Processing	Developer temperature 73°F +/- 2°F (23°C +/- 1°C) Dwell time 20 seconds
Run length <sup>1</sup>	200,000 impressions
Plate finisher	<b>Kodak 850S</b> Plate Finisher When storing processed plates, Kodak recommends an additional use of <b>Kodak Multigum</b> 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 68° - 75°F (21° - 24°C).

<sup>1</sup> Actual run length may vary according to press, ink and paper conditions.

#### To learn more about solutions from Kodak:

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