

Kodak

Sonora News

Process Free Plates



Where profits and print quality are sustainable

Free yourself from processors and chemistry forever

Imagine removing the costs of maintaining and running a processor while achieving better process control from eliminating all processing variables. How different would your operation be without having to consume and dispose of chemistry? **Kodak Sonora News** Process Free Plates using Kodak's press ready technology make process free plate making a reality for newspapers.

Enhance your productivity through streamlined plate making

Get to press faster by streamlining your production. With **Sonora News** Plates, fast imaging speeds combined with the additional time and consistency gained from not processing plates deliver the enhanced productivity you need to increase efficiency and reduce the risk of press downtime in your fast-paced newspaper production environment.

Simplicity, with the quality of thermal CTP

Sonora News Plates provide the quality, resolution, accuracy, reliability and repeatability you expect from **Kodak** Thermal Plates, without the need to install and maintain a plate processor, as you do with violet and even "chemistry free" plates. Eliminating plate processing not only removes a cost center, it removes a source of variability. In addition, **Sonora News** Plates work well in automated newspaper environments.

Free to be more sustainable

Whether your goal is to be compliant or to position yourself as an environmental leader, **Kodak Sonora News** Plates can help in both prepress and in the pressroom. **Sonora News** Plates enable you not only to remove chemistry, water, energy, and waste from plate making but they are capable of printing with recycled paper and IPA-free founts often used to produce "greener" print.

Improved process free plate making

Hundreds of newspaper printers are already experiencing the combined benefits of reduced operational costs and environmental impact with process free plates. **Sonora News** Plates deliver those same benefits plus faster imaging, improved AM and FM screening capabilities, stronger plate image contrast and expanded print capabilities. So whether you're an existing process free plate customer switching to **Sonora News** Plates, or you're process free for the first time, you'll see the difference.

Free to be the printer you want to be

With smaller or larger numbers of newspaper copies, **Sonora News** Plates deliver reductions both in operational costs and environmental impact while letting you maximize your print quality through excellent FM capability, without the variations possible with violet plates. With mainstream productivity, quality and run length capability, the only things you have to lose with **Sonora News** Plates are your processor and chemistry.

Kodak Sonora News Process Free Plates

Technical specifications

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|---------------------------|---|
| Plate | Non ablative, thermal, negative working (write-the-image) plate incorporating Kodak's press ready technology |
| Application | Short/medium-high run newspaper and coldset web publication printing |
| Substrate | Electrochemically grained and anodized aluminum substrate |
| Gauge | 0.20 mm, 0.30 mm Please contact your local supplier of products from Kodak for size and gauge availability by region. |
| Spectral sensitivity | 800 - 850 nm |
| Platesetter compatibility | Recommended: Kodak Trendsetter News and Generation News Platesetters Please contact your local Kodak representative or partner for qualification of specific platesetter makes and models. |
| Laser energy required | 150 mJ/cm ² on Kodak Platesetters with Kodak SQUAREspot Imaging Technology Dependent on imager type, configuration and resolution. |
| Resolution | 3 to 97% @ 150 lpi Dependent upon capability of imaging device. |
| FM capability | 36 micron stochastic Dependent upon imaging device capabilities, print applications, and screening algorithms. For optimum FM performance, Kodak recommends Kodak Staccato Screening on Kodak SQUAREspot Imaging Technology Devices. |
| Run length | <ul style="list-style-type: none">Up to 200,000 impressions in typical coldset web applications50,000 to 75,000 impressions for direct lithoUp to 10,000 impressions for UV-ink applications Dependent upon image resolution, press, press chemistry, ink and paper conditions. 36 micron stochastic will reduce run lengths. |
| Safelight | The plate can be handled before and after imaging safely for: <ul style="list-style-type: none">Up to 1 hour under white lightUp to 8 hours under C20 - UV CutUp to 24 hours under G-10 yellow light Safelight limits @ 800 Lux |
| Shelf life | 12 months, under recommended storage conditions |
| Packaging | Available in bulk packages |

To learn more about solutions from Kodak:

Visit graphics.kodak.com

Produced using Kodak Technology.

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The Kodak logo is displayed in its signature red color. A yellow graphic element, consisting of a thick line that curves from the bottom left towards the top right, partially overlaps the bottom of the logo.

YELLOW CHANGES EVERYTHING