



KODAK SONORA X-N PROCESS FREE PLATES

Process free technology breakthrough for newspapers

The process free newspaper plate you've been waiting for

With KODAK SONORA X-N Process Free Plates, even large, fast-paced, highly-automated newspaper operations can take advantage of the cost and environmental savings that come with process free plates. A new technology breakthrough has enabled the faster imaging speeds, more robust handling capabilities, and longer run lengths of SONORA X-N Plates, so newspapers are now able to eliminate plate processing without sacrificing speed and productivity.

The future is green

Position your company as an environmental leader as you save water, reduce energy usage, and eliminate processing chemistry. SONORA X-N Plates are true process free plates, so you can put them on press without sending them through a plate processor or clean-out unit. Environmental regulations are becoming stricter and more complicated in many regions, and with SONORA X-N Plates, you have one less thing to worry about.

Prepress, streamlined

Eliminating the plate processing step does more than reduce your environmental impact. You reduce your operating costs by eliminating the cost of chemistry, water, and energy from processing, and you no longer have maintenance

or repair costs associated with plate processing equipment. Plus, you can free up floorspace for more CTP devices or automation, and you eliminate the processing variability that can waste time and money in the pressroom.

Productivity and print quality

With laser energy required of 120 mJ/cm², SONORA X-N Plates enable many platesetters to run at maximum productivity, and with no processing step, making plates is faster than ever. SONORA X-N Plates also deliver the quality and stability that Kodak's thermal plates are known for, so newspapers can deliver excellent color print and explore additional revenue with commercial applications.

Leading the process free revolution

Kodak is, and always has been, the leader in process free plate technology, and with SONORA X-N Plates, we are helping newspaper printers become more sustainable and profitable.



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PROCESS FREE PLATES

Technical specifications

Plate	Non-ablative, thermal, negative-working (write-the-image) process free plate. No debris removal system required.
Application	Short- to long-run newspaper and coldset web publication printing
Substrate	Electrochemically grained and anodised aluminium substrate
Gauge	0.20 and 0.30 mm
Spectral sensitivity	800 – 850 nm
Platesetter compatibility	Recommended: KODAK TRENDSETTER NEWS, ACHIEVE NEWS, and GENERATION NEWS Platesetters. SONORA X-N Plates are compatible with platesetters from all major suppliers.
Laser energy required	120 mJ/cm ² on KODAK Platesetters with KODAK SQUARESPOT Imaging Technology. Provides maximum productivity on most platesetters.
Resolution	3 to 97% @ 150 lpi 36-micron stochastic <i>Dependent on imaging device capabilities, print applications and screening algorithms. For optimum FM performance, Kodak recommends KODAK STACCATO Screening on platesetters with KODAK SQUARESPOT Imaging Technology.</i>
Run length	Up to 400,000 impressions in typical coldset web applications <i>Dependent upon image resolution, press, press chemistry, ink and paper conditions.</i>
Safelight @400 Lux	White = 2 hours C20 UV-cut = 16 hours G10 Yellow = 48 hours

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