



**KODAK SONORA XTRA**  
PROCESS FREE PLATES

**See the difference**



# The best process free plate – now with XTRA benefits

Now even the most demanding print operation can go process free.

## **XTRA CLEAR**

SONORA XTRA Plates boast image contrast three times stronger than that of SONORA X. It's easy to see even the smallest image details on the plate, and you can be confident adding automation, thanks to SONORA XTRA's improved readability with vision systems and sorting equipment.

## **XTRA QUICK**

SONORA XTRA Plates are quick enough for the fastest platesetters, so you can get more out of your existing equipment, or you can upgrade your CTP to get to press even faster. With the T-speed KODAK MAGNUS Q800 Platesetter, you can image up to 80 SONORA XTRA Plates per hour.



IMAGE UP TO

**80 SONORA XTRA PLATES**


PER HOUR WITH THE KODAK MAGNUS  
Q800 PLATESETTER WITH T-SPEED

SONORA XTRA PLATE  
**3X STRONGER  
CONTRAST THAN  
SONORA X**

**SONORA X**  
PLATE







# PLATES ROBUST ENOUGH FOR **ANY PRINT ENVIRONMENT**

SONORA XTRA Process Free Plates

## **XTRA TOUGH**

A tougher substrate and more durable coating make SONORA XTRA Plates robust enough for just about any print environment. And thanks to SONORA XTRA's enhanced scratch and scuff resistance, you can keep the presses running with no slowdowns.

## **XTRA LONG RUNS**

SONORA XTRA Plates meet the needs of most printers currently using unbaked processed plates – with run lengths of up to 400,000 impressions on web presses, 250,000 impressions on sheetfed presses, and 100,000 impressions for UV-ink applications.



RUN LENGTHS OF  
**UP TO 400,000 IMPRESSIONS**  
ON WEB PRESSES





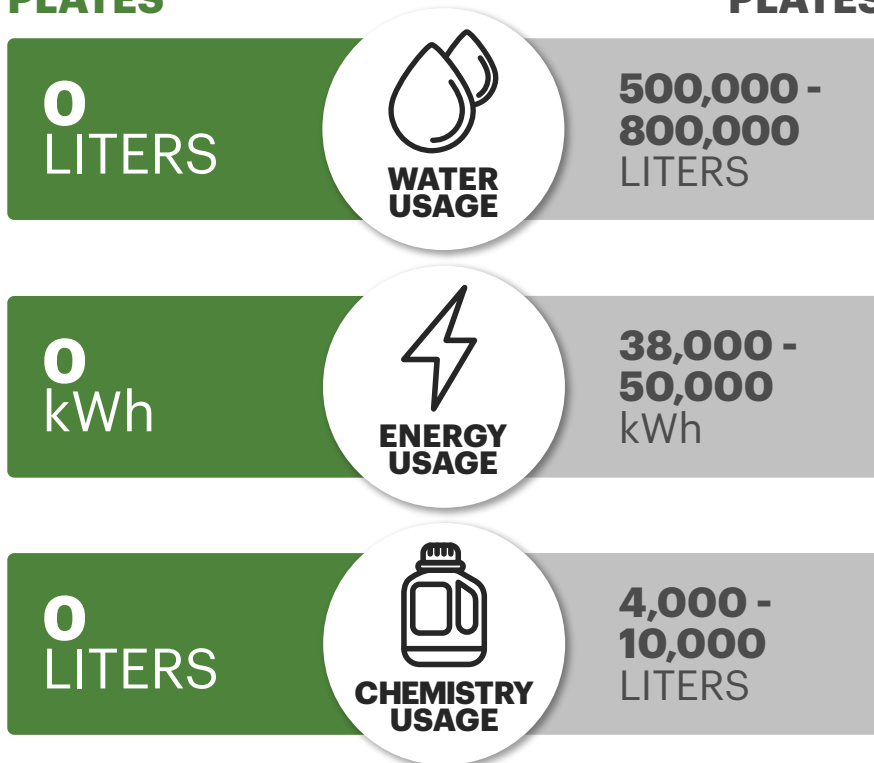
## KODAK SONORA

Process Free Plates

### Average Water, Energy, and Chemistry Usage in Prepress (annually) for a printer making 50,000 m<sup>2</sup> of

#### SONORA PLATES

#### PROCESSED PLATES



## Reduce Waste for Cost and Environmental Savings

### BECAUSE LESS IS SO MUCH MORE

By eliminating the need for chemicals, water, and electricity from processing, SONORA XTRA Plates help you reduce environmental waste, meet local regulatory requirements, and appeal to customers concerned about sustainability.

### LESS WATER

SONORA XTRA Plates help printers do their part by completely eliminating the water used in prepress.

- No water to rinse the plate in a plate processor
- No water to mix concentrated chemistry
- No water to dilute your finishing gum
- No water to clean the plate processor or clean-out unit.



## KODAK SONORA Process Free Plates

### LESS ENERGY

When processing plates, thermal plate processors use on average 3.15 kWh for small units and 4.5 for larger devices. SONORA XTRA Plates eliminate plate processing and baking, saving energy.

### LESS WASTE

SONORA XTRA Plates eliminate all processing chemistry, including all the hassles and costs of handling, shipping, storage, and disposal.

### SAVE COSTS TOO

Reducing waste in the pressroom is an enormous opportunity for savings. With SONORA XTRA Plates, you save time, paper, and money in the pressroom with faster makereadies and greater dot stability. And no more plate processing means no more waste or press downtime because of plate processing defects.

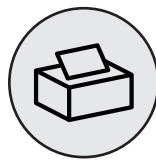
For small printers, savings in the pressroom can be double the total prepress savings, and for the largest printers, pressroom benefits can increase savings by a factor of 9.

**Less impact. Less water. Less energy. Less waste. Safer for people and the planet, and good for business.**



### EASY TRANSITION

Upgrading to SONORA Plates is easy. You don't need to set up a processor, change your workflow, or add any new CTP equipment.



### ELIMINATE YOUR PROCESSOR

Save space in your plant and eliminate the cost and safety concerns of maintaining a plate processor.



# KODAK SONORA XTRA

## PROCESS FREE PLATES

Technical specifications	
<b>Plate</b>	Non-ablative, thermal, negative-working (write-the-image) process free plate. No debris removal system required.
<b>Application</b>	High-quality, long-run plate for sheetfed, packaging, web and all UV print applications
<b>Substrate</b>	Electrochemically grained and anodised aluminium substrate
<b>Gauge</b>	0.15, 0.20, 0.30, and 0.40 mm
<b>Spectral sensitivity</b>	800 – 850 nm
<b>Platesetter compatibility</b>	Recommended: KODAK TRENDSETTER, MAGNUS, and ACHIEVE Platesetters. SONORA XTRA Plates are compatible with platesetters from all major suppliers.
<b>Laser energy required</b>	90 to 120 mJ/cm <sup>2</sup> depending on platesetter. Provides maximum productivity on most platesetters.
<b>Resolution</b>	1 to 99% @ 200 lpi and FM20 capable <i>Up to 450 lpi is possible, dependent upon capability of imaging device.</i>
<b>Run length</b>	<ul style="list-style-type: none"><li>• Up to 400,000 impressions with heatset/coldset web presses</li><li>• Up to 250,000 impressions with sheetfed presses</li><li>• Up to 100,000 impressions for offset packaging (non-UV ink)</li><li>• Up to 100,000 impressions for UV-ink applications</li></ul> <i>Dependent upon image resolution, press, press chemistry, ink and paper conditions.</i>
<b>Safelight @400 Lux</b>	White = 2 hours C20 UV-cut = 16 hours G10 Yellow = 48 hours

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