



# ADAMAS

**A robust chem-free printing plate with outstanding performance for packaging and commercial print jobs**

Unique in its class, Adamas is a non-ablative chem-free printing plate that provides high output and outstanding press performance. This plate covers an extensive range of demanding commercial, heatset and packaging printing applications.

**YOU  
PRINT.  
WE  
CARE.**

## Razor-sharp results

When you opt for Adamas, you opt for a high-contrast plate with photorealistic image quality up to 240 lpi Sublima screening, depending on your platesetter. Adamas is durable and low-maintenance thanks to its protective layer, which prevents oxidation and eliminates ablation.

## Optimal convenience

While Adamas' robust and scratch-resistant surface allows easy handling, its strong image contrast supports simple visual inspection and quality control, ensuring plates are mounted on the press correctly.

## Productivity made simple

Adamas combines fast, accurate and wide-latitude plate exposure with simple processing and robustness. It allows for conventional and H-UV/LED-UV printing and can handle even abrasive substrates like boards. Its highlight dots are tough enough to offer a high-quality press performance, even on the longest press runs.

## Take ecology to the next level

Unlock the plate's full potential with the compact Adamas clean-out units. Their dual-gum cascade system has a bath life of 16.000 m<sup>2</sup> and requires no rinse water. Waste is reduced by up to 80% compared to conventional systems.

PLATE CHARACTERISTICS	
Plate type	Chemistry-free negative-working offset plate using ThermoLink technology
Substrate	High-quality grained and anodized aluminum
Spectral sensitivity	830 nm thermal
Energy	90 mJ/cm <sup>2</sup>
Platesetter compatibility	Accredited for most common 830 nm platesetters
Image contrast	Excellent. The plates can be measured with all available densitometers and plate readers.
Plate sizes	All common plate sizes
Gauges	0.15-0.40 mm (0.006-0.016")
Resolution	Sublima 240 lpi @ 2400 dpi, SPIR@L screening
Run length	Up to 350,000, Up to 75,000 in UV
CLEANING OUT	
Clean-out gum	Adamas Pro gum
Replenishment rate	35ml/m <sup>2</sup> or 20 ml/h
Bath life	16,000 m <sup>2</sup>
Finisher	RC795A
Clean-out unit	Adamas 85 COU, Adamas 125 COU and Adamas 150 COU
ENVIRONMENT	
Light conditions	Daylight
Room conditions (T, RH)	18-24 °C (64-75 °F), < 70% RH
Storage conditions	Below 32 °C (90 °F), <70% RH
ECO3 OPTIMIZED PRESSROOM SUPPLIES	
Plate correction pen (for unbaked plates)	Polymer deletion pen
Scratch remover	Reviva Plate
Plate cleaner	Standard: ANTURA CtP Plate Cleaner UV: ANTURA UV PL CLEANER Dual purpose gum: ANTURA CleanGum
Fountain solutions	Adamas is compatible with all ECO3 fountain solutions
Rehardener	For RO water: ANTURA water conditioner
Roller and blanket washes	Adamas is compatible with all ECO3 roller and blanket washes