

AMIGO TS

High performance printing plate for a demanding pressroom

Amigo TS is able to deliver the highest quality press results with remarkable chemical resistance and extraordinary processing latitude thanks to the use of physical, rather than chemical, plate processing. This means simple platemaking with consistently high quality, plate after plate. Amigo TS is daylight-working for maximum convenience and can be processed in all standard plate processors. It is part of ECO3's fully integrated prepress solutions that come complete with CtP, processor, screening technologies and workflow software.

YOU
PRINT.
WE
CARE.

Simplifying platemaking

Platemaking has never been this simple and straightforward. Amigo TS is tolerant to a wider range of exposure and processing variables than a standard chemically developed plate. That means more consistent plates with less effort.

Environmental benefits

The Amigo TS Clean Out Solution is used to remove the non-image areas at a top-up rate of 30 to 50mls/m². This is a significant reduction over conventional technologies and reduces waste generation and disposal costs. A longer bath life and lower chemistry consumption mean less processor cleaning and maintenance - saving time and money.

Versatile, robust performance

Amigo TS works on any suitable 830 nm thermal plate setter and tolerates fluctuations in laser energy with practically no affect on image quality. Plate processing is simple and clean, Amigo TS can tolerate processing variations with the same wide latitude as it can tolerate exposure variations.

Suitable for a wide variety of applications

Using the highest quality grained and anodised substrate, Amigo TS delivers superior press performance and versatility. Fast make-ready and stable ink/water balance ensure that your press will deliver the best quality and fast results.

PLATE CHARACTERISTICS	
Plate type	Negative-working, chemistry-free ThermoFuse™ offset plate
Substrate	High-quality grained and anodized aluminum
Spectral sensitivity	830 nm (thermal laser diode)
Practical sensitivity	180 mJ/cm ²
Platesetter compatibility	Compatible with most thermal platesetters
Plate sizes	Standard sheet-fed and web sizes
Image contrast	Good, can be measured with all available densitometers and plate readers
Resolution	ABS: 2-98% at 200 lpi at 2400 dpi Sublima: 1-99% at 240 lpi at 2400 dpi
Width	480-1590 mm
Gauges	0.15 mm, 0.20 mm, 0.24 mm, 0.30 mm and 0.40 mm (0.006", 0.008", 0.010", 0.012" and 0.015")
Run length (baked)	Up to 200,000 dependent on press conditions, not suited for UV inks
PROCESSING (CONVENTIONAL POSITIVE THERMAL PLATE PROCESSOR)	
Developer	Amigo clean-out solution
Processor	Any processor with dip tank, moleton roller preferred
Clean-out dwell time	17 sec in the liquid
Bath life	50 m ² /l or 6 weeks
Replenishment	30-50 ml/m ²
ENVIRONMENT	
Light lighting	Full daylight up to 16 hours
Room conditions (T, RH)	18-24 °C (64-75 °F), < 70% RH
Storage conditions	Ambient temperatures below 25°C, < 70% RH
ECO3 OPTIMIZED PRESSROOM SUPPLIES	
Plate cleaner	ANTURA CtP Plate Cleaner
Fountain solution	Compatible with all ECO3 fountain solutions
Roller and blanket wash	Compatible with all ECO3 roller & blanket washes
Wash-out gum	ANTURA CleanGum
Deletion pen or gel	KP010, KP011 or KP012
Normal short-term storage (max 7 days)	RC795A
Baking gum	RC510
Scratch Remover	Reviva Plate