

# AZURA TS

**A leap forward in CtP convenience. The innovative Azura TS technology ensures simple, care-free plate production.**

The Azura TS is a thermal plate for low- to medium-volume commercial printing where simplicity and reliability are priorities. It allows you to preserve the high-quality imaging of traditional platemaking, without press changes or chemical processing. Azura TS is part of ECO3's fully integrated prepress solutions that come complete with CtP, processor, screening technologies and workflow software.

**YOU  
PRINT.  
WE  
CARE.**

## Press a button, expose a plate!

Because there are no processing variables to worry about anymore, Azura TS offers you consistent and reliable plates, ready for use. The Azura TS plate uses the innovative, proven ThermoFuse™ coating technology. During imaging, particles within the Azura TS plate are fused together by the thermal laser to create an image. A physical process then bonds the image to the substrate, with absolutely no chemical processing involved.

After exposure, the Azura TS plates are cleaned and gummed with the Azura Clean Out Unit (COU). This simple, compact and reliable unit requires no developer or replenisher. Nor does the COU need a range of speed settings, pH monitors or temperature controls. Everything is pre-set. The Azura TS plate is ready in minutes with no possibility of image degradation or variation.

## Predictable performance

Azura TS is ideally suited for low to medium-volume commercial printing applications. It delivers razor-sharp image definition without having to change press operating conditions or working practices.

Azura TS uses ECO3's "Flat Grain Technology", the high quality grained and anodised aluminium substrate that results in uncompromising press performance with fast ink roll-up and consistent ink/water balance. This shortens make ready, minimising paper waste and downtime and all this using your existing press chemistry - there is no need to change inks, founts or plate cleaners.

The end result is MORE EFFICIENCY!

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	200 mJ/cm <sup>2</sup>
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
Gauges	0.15 mm, 0.20 mm, 0.24 mm and 0.30 mm (0.006", 0.008", 0.010" and 0.012")
Run length (baked)	Up to 100,000 dependent on press conditions, not suited for UV inks
PROCESSING (CONVENTIONAL POSITIVE THERMAL PLATE PROCESSOR)	
Clean-out gum	Azura TS gum
Clean-out unit	Azura COU 95, 125, 85, 120 Azura COU CX85, CX125
Clean-out unit speed	1.6 m/min in CX85, CX125
Bath life	300 m <sup>2</sup> /20 litres
ENVIRONMENT	
Room lighting	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 cleaner	ANTURA CtP Plate Cleaner
Overnight plate cleaner	ANTURA clean gum
Fountain solution	Azura TS is compatible with all ECO3 fountain solutions
Roller and blanket wash	Compatible with all ECO3 roller & blanket washes
Deletion pen	KP010, KP011 or KP012
Scratch Remover	Reviva Plate
IPA	ANTURA IPA 100