dmba

ECO3



AZURA

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/cm²*
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 m²/20 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*

ECO3.com

ECO3 is committed to continuous innovation that targets ecology, economy and extra convenience. Our solutions are designed to deliver higher productivity, lower costs and greener outcomes.

© Copyright 2024 by ECO3 BV, 2640 Mortsel, Belgium. All rights reserved. ECO3, the ECO3 logo, Azura, ABS, Sublima, ANTURA and Reviva are trademarks of ECO3 BV, Belgium, or its affiliates. All other brand and product names may be service marks or trademarks of their respective owners. All information in this document is intended for guidance purposes only. Specifications depend on the printing conditions.

EN202401