

ANKASH

T100e Process-less Thermal CtP Plate™

Chemistry free
Eco-friendly



ANKASH

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As more industries pay attention to environmental friendliness in their products, so have we. Use & disposal of chemistry in the plate making process has been of concern in keeping the world green. The introduction of green technology in platemaking by offering chemistry-free platemaking, has been a significant and responsible development for the printing industry. ANKASH T100e Process-less Thermal CtP plate™, is an environmentally friendly plate, enabling you to make plates that are eco-friendly.

ANKASH T100e Process-less Thermal CtP plate™ is designed to be produced, without the need for a plate processor or chemistry—thus saving you considerable cost & time. It can provide you run lengths of up to 100,000 impressions with good image quality. Dot reproduction between 1-99% at 200 lpi (AM) and 25µ (FM), can be achieved. Ideally suited for commercial print jobs. With good stability, consistency and eco-friendly, it is a dependable plate for your commercial production environment.

Specification

Plate

Negative working Thermal plate

Suitability

Suitable for UV inks with baking

Applications

Sheet fed and Web fed offset presses

Substrate

Good quality commercial and publishing print jobs

Thickness

Electro-chemically grained anodized aluminum

Spectral sensitivity

0.15, 0.20 and 0.30 mm

Laser energy

830 nm

Reproduction

130–150 mJ/Sq.cm.

Platesetter compatibility

1% – 99% at 200 lpi

Run length*

Commercially available Thermal CtP platesetters

Safe light handling

Up to 100,000 impressions

Daylight: Up to 4 hours;

Yellow light: Up to 24 hours

Shelf life

12 months. Under 25° C and < 60% RH

Processor

Not required

Developer

Not required

Developer temperature

Not applicable

Dwell time

Not applicable

Conductivity

Not applicable

Developer shelf life

Not applicable

* *Dependent on press condition, substrate, press-room chemicals*