

ANKASH

U100e Process-less UV-CtP Plate™

Chemistry free
Eco-friendly



ANKASH
SOLUTIONS

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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 U100e Process-less UV-CtP plate™, is an environmentally friendly plate, enabling you to make UV-CtP plates that are eco-friendly.

ANKASH U100e Process-less UV-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 high speed UV-CtP plate
Coating	Resistance to aggressive plate and blanket washes
Suitability	Resin / Diazo compound
Applications	Sheet fed and Web fed offset presses
Substrate	High quality commercial and publishing print jobs
Thickness	Electro-chemically grained anodized aluminum
Spectral sensitivity	0.15, 0.20, 0.30 and 0.40 mm
Exposure energy	405 nm
Resolution	20–40 mJ/Sq.cm.
Run length	1% – 99% at 200 lpi, imaged at 2400 spi, 25µ FM screening
Safe light handling	100,000 impressions (unbaked)
Shelf life	2000,000 impressions (baked)
Processor	Yellow safe light, UV free until completion of processing
Developer	12 months. Under 10–35° C and between 40–60% RH
Developer temperature	Not required
Dwell time	Not required
Developer shelf life	Not applicable

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