ANKASH
U100e Process-less UV-CtP Plate™

Chemistry free
Eco-friendly

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

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