

ANKASH

T400 Thermal CtP Plate™

Robust &
Productive



ANKASH

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The most complex of a print job calls for long run, fine reproduction using FM screen, usage of UV inks & alcohol substitute fountain solution. UV inks & some press-room chemicals are tough on the plate and require special coating to withstand such high abrasiveness. ANKASH T400 is a state-of-art, double-layer coated plate, designed with a robust emulsion. This robustness results in very long runs, whilst holding a fine spot— thus assuring you, the best of both worlds in terms of productivity.

ANKASH T400 Thermal CtP plate™ is designed to provide you run lengths of upto 400,000 impressions. UV inks can be reproduced without baking the plate. High image quality upto 400 lpi, and spot size of 10µ for FM can be easily achieved. Ideally suited for packaging and hi-end commercial print jobs where run length and use of UV inks are commonly used. With excellent stability and consistency, it is a highly dependable plate for your most challenging production environment.

Specification

Plate	Positive working Thermal plate (no pre-heat required)
Suitability	Very high resistance to aggressive press room chemicals Suitable for UV inks and metallic inks, without baking Fine spot reproduction of 10µ FM screening
Applications	Sheet fed and Web fed offset presses Long run, high quality packaging & commercial print jobs
Substrate	Electro-chemically grained anodized aluminum
Thickness	0.15, 0.20, 0.30 mm
Spectral sensitivity	780–850 nm
Laser energy	120–150 mJ/Sq.cm.
Reproduction	1% – 99% at 400 lpi (AM) / 10µ (FM)
Platesetter compatibility	Commercially available Thermal CtP platesetters
Run length*	400,000 impressions (unbaked) 1,000,000 impressions (baked)
Safe light handling	None required. Daylight handling
Shelf life	18 months. Under 25° C and < 60% RH
Processor	Commercially available CtP plate processors
Developer	ANKASH Thermal CtP plate developer
Developer temperature	25° C
Dwell time	23-27 seconds
Conductivity	97 mS
Developer shelf life	24 months. To store, between 5–30° C

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