Processless Thermal CTP Plate

Negative-working processless thermal plate for 830 nm platesetters — no developer, no processor; the plate develops on press with fountain solution and ink.

General	
Plate type	Processless, negative-working thermal CTP plate (on-press development)
Substrate	Electrochemically grained and anodised aluminium
Aluminium alloy	1050 / 1060 series
Gauge	0.15 / 0.20 / 0.25 / 0.30 / 0.40 mm
Maximum format	Up to 1,250 × 1,650 mm (other sizes cut to order)
Grain roughness (Ra)	0.4–0.6 μm
Anodic oxide weight	2.5–3.5 g/m²
Coating colour	Light blue / light green; visible image after imaging
Imaging	
Spectral sensitivity	800–850 nm (830 nm thermal platesetters)
Sensitivity (exposure energy)	130–180 mJ/cm²
Resolution / dot reproduction	2–98% at 200 lpi (2400 dpi)
Light handling	Daylight-safe under normal white light, before and after imaging
Processing	
Development	No processing: develops on press with fountain solution and ink
Clean-up on press	10–30 sheets
Hold time after imaging	Mount on press within 24 hours of imaging
On press	
Run length	≥ 50,000 impressions
Baking	Consult us
UV inks	Suitable for UV inks (a trial run is recommended)
Storage & packing	
Shelf life	12–18 months in the original packing under the recommended storage conditions
Storage	18–25 °C, relative humidity ≤ 60%, away from light, stored flat
Packing	50 / 100 sheets per carton with interleaving paper; on pallets or in wooden cases

Values are typical, measured under our standard test conditions. Results depend on the platesetter or exposure unit, processor, chemistry, press, paper and ink — always calibrate on your own equipment and run a test before production. Final specifications for an order are confirmed in the quotation.

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