CTcP Plate (UV-CTP Plate)

Positive-working single-layer CTcP (UV-CTP) plate for UV-CTP and 405 nm violet platesetters — conventional-ink commercial, book and newspaper work; bakeable.

General	
Plate type	Single-layer, positive-working CTcP (UV-CTP) plate
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	Blue / green
Imaging	
Spectral sensitivity	400–420 nm (UV-CTP and 405 nm violet platesetters)
Sensitivity (exposure energy)	50–80 mJ/cm²
Resolution / dot reproduction	2–98% at 175 lpi
Safelight	Yellow-light room
Processing	
Developer	Positive CTcP / PS developer
Developing temperature	23–25 °C
Developing time	20–25 s
On press	
Run length, unbaked	≥ 50,000 impressions
Baking	Bakeable: 230–250 °C for 5–8 minutes
Run length, baked	≥ 150,000 impressions
UV inks	Not resistant to UV inks
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.