



UV-CTP (CTcP) Plate



Our CTcP plate is a top grade printing plate which aims to meet the needs of technical requirements of UV-CTP. The technologies of plate base treatment and coating formulation are all R&D by our company independently. This plate is not only suitable for UV-CTP platemaking but also suitable for conventional CTP platemaking.

Main features

1. High sensitivity which could raise platemaking efficiency.
2. Exquisite grains, with excellent water-retaining property.
3. Strong stability.
4. Strong adaptability, could compatible with a broad range brands and types of platesetters, developing machines, developers and feeding liquids.
5. Simple platemaking process, with low cost, high efficiency and low error rate.
6. Improve presswork quality.

Technical parameters

Type	Positive UV-CTP plate
Plate Base	Electrochemical grains, anodized aluminum base
Thickness	0.15mm, 0.3mm
Use/Application	High quality commercial quick printing and commercial printing
Sensitivity(mj/cm ²)	80~100
Gray Scale Ruler Clean Level	The third level
Resolution	Dot reproduction 1~99%(200lpi)
Run Length	50000~70000 impressions
Size	Max length of short edge is 1480mm, cutting diagonal error≤0.5mm
Shelf Life	Under the temperature of 10~25°C, with a humidity not higher than 65%, shelf life is 18 months

Develop

Applicable processor: Various brands of processors with automatic replenishment system

Developer dilution ratio: our developer: water=1:4 (machine) 1:6 (manual)

Developing temperature: Starting temperature is 20°C, with the increase of using time, the developing temperature gradually increased (units with one degree) until 27°C

Developing time: 20-50s

* **Usage condition of plate setter and processor:** According to customer specific conditions formulated by professionals or contact our technical staff.

Protective Coating

In order to maintain the same printability with PS plate, use the positive plates and efficient protective coating.



Dot-etching

It can use the traditional PS plate paquew water. Applied to the site in addition to repair, place 30-40 seconds after thoroughly rinsed with water or wipe with a sponge (unclean washing may cause the dirty).

Baking

240°C, 4-5min

Security light

Yellow

Storage

Unused plates should be stored in the original packing box. Packaging should be kept in dry and cool in the dark, the temperature does not exceed 30 °C. Avoid placing near the water tank, dryer or the place where windows.

Our service

1. Samples available, we often send 4-8 pieces plates to customer for testing.
2. Sizes of plates can be produced according to customers' demand.
3. We supply online technical support. If there is any problem, we will coordinate our engineers to help you solve the problem via e-mail/Tel/Video.
4. We have a tracking service every month to care about our products, if any problem, we will help you and learn from you together to solve the problem.

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