

## UV-PH

Huaguang UV-PH positive UV-CTP plate is a high quality UV-CTP plate developed by Lucky Huaguang Graphics Co. Ltd for customers, which make the printing enterprise in the production of both economic efficiency at the same time. It is widely used in sheet-fed and web commercial press.

### Specially designed for UV technology

Huaguang UV-PH positive UV-CTP plate is a UV-CTP plate developed to meet the market requirements for plate-making speed and efficiency. The plate which is specifically designed for the CTcP technology, the features of UV- PH is that a new UV photosensitive layer formula and high quality electrolytic oxidation of the aluminum substrate.

### Excellent printing performance

With new photosensitive layer fomula and high-quality substrate treatment technology, the plate has a precisely dot reduction, excellent ink balance performance and superior wear resistance. The run length is up to 150,000 impressions without baking. It can also be used in UV-ink printing after baking.

### High-quality image performance

Huaguang UV- PH positive UV-CTP plate has a high resolution and it can achieve 2 to 98% @ 250 lpi AM screening resolution and 25 micron FM screening resolution.





# HUAGUANG CTP PLATES UV-PH

## Excellent stability and adaptability

Huaguang UV-PH positive UV-CTP plate has good storage stability. In the shelf life, its sensitivity, dot reduction and other properties are almost unchanged.

Huaguang UV-PH positive UV-CTP is suitable for the mainstream UV-CTP platesetters, good development adaptability, as the best choice for the offset packaging and commercial printing.

Plate Type	Positive UV-CTP plate
Gauge	0.15/0.20/0.25/0.30/0.40 mm
Substrate	Electronically grained and anodized aluminum substrate
Application	commercial Sheetfed and rotary press printing.
Spectral sensitivity	350-460 nm UV light, especially 400-410 nm UV laser.
Platesetter	Compatible with mainstream UV-CTP platesetters in the market
Exposure energy	40-55 mJ/cm <sup>2</sup>
Resolution	2-98%@250 lpi (Platesetters in different resolution will have difference)
Processor	Compatible with mainstream processors in the market
developer	Huaguang PD positive PS plate developer are recommended.
The ratio of developer (PD: water)	1:3- 1:4
Developing Temperature	24±1 °C
Developing time	20-30 seconds
Dynamic replenishment Safelights	80-120 ml/m <sup>2</sup>
Working conditions	Yellow light handing Operating temperature 21-25 °C (room temperature), relative humidity 40-60%
Storage condition	Storage temperature: 15-27 °C, relative humidity: 25-60%, shelf life: 18 months under recommended storage condition
Run length	Up to 150,000 impressions without baking. Actual run length will have differences according to press/paper/ink/chemicals conditions

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