

# HUAGUANG CTP PLATES



## UV-N

Are you looking for a widely-applied, low-chemical and negative-working plate? Then Huaguang UV-N plate is your best choice. It is the latest addition to Huaguang's portfolio of environmental negative-working UV-CTcP plates. It combines a UV photosensitive coating with an anodized aluminum substrate, ensuring high quality and wide applications.

### High compatibility and environment friendly

UV-N plates are compatible with most existing UV plate-setters, removing the need to purchase new equipments. In the washing-out process, customers can choose developers with a PH value of 9, which makes the process greener; or choose the Huaguang PD developer with a ratio of 1:10 for plate development, which is both green and compatible.

### Excellent printing performance

The plate promises excellent printing performance: quick start-up, stable ink/water balance and quick restart after a stop. It is easy-to-operate and cost-efficient. The run length can be up to 200,000 impressions with unbaked plates & normal ink, and 80,000 impressions with unbaked plates & UV ink. (Dependent on imaging and printing conditions)





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## 0 Fine image reproduction

Huaguang UV-N plate is a kind of UV sensitive plate specialized for CtCP applications. It can produce dot reproduction at 200 lpi, 2-98% with satisfactory printing results.

## UV-N plate specifications

Plate type	Negative-working, UV-CtCP plate
Substrate	Electrochemically grained and anodized aluminum substrate.
Gauges	0.15 mm, 0.20 mm, 0.30 mm
Safelight	Yellow safelight handling
Shelf life	12 months, in the recommended storage conditions
Operating conditions	18-25 °C, <70% RH
Plate-setter	Compatible with existing mainstream UV-CTP plate-setters
Laser energy	40-60 mJ/cm <sup>2</sup> (Dependent on the platesetter type, configuration and resolution)
Resolution	2-98% @ 200 lpi (Dependent on the platesetter type, configuration and resolution)
Spectral sensitivity	350-405 nm
Developer	Huaguang PVD developer or compatible developer
Replenishing amount	30-50 ml/m <sup>2</sup>
Developer life	6 weeks or 5000 m <sup>2</sup>
processor	Processers with at least one brush are recommended.

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