

PPVG

⊙ Environment-friendly—Help enterprises to develop

Huaguang PPVG Low-chemical Violet CTP Plate is a specialized plate for violet CTP plate-setter and represents the trends of violet CTP technology. It can be applied with low-PH finisher during the washing-out treatment, which streamlines the post-treatment process and reduces chemical consumption. No effluent is emitted during the process and less waste is generated, which meets the requirements of modern environmental printing and improves enterprise' s competitiveness.

⊙ Stable developing performance, compatible with various kinds of developers

Huaguang PPVG Low-chemical Violet CTP Plate is developed by the low PH finisher that go with it. In the process, there is no need to monitor the change of PH value. This minimizes the fluctuations of plate performance caused by exhausted chemicals and therefore ensures more stable printing quality. Besides, the plate is well compatible with other mainstream violet plate developers.

⊙ Reduce equipment investment and maintenance cost

Huaguang PPVG Low-chemical Violet CTP Plate produces high-quality image and its run length can be up to 200,000 impressions. The plate can be exposed by any existing violet plate-setters and developed by both conventional and low-chemical violet processors. In the latter processors, the prewash and post-rinse steps together with gumming unit are removed, making the system smaller and easier to maintain.





HUAGUANG CTP PLATES PPVG

Huaguang Low Chem Violet Plate Technical Specifications	
Plate Type	Low chemistry violet plate , negative working
Aluminum	Electrochemically grained and anodized aluminum substrate
Gauge	0.15/0.20/0.25/0.30/0.40 mm
Maximum short grain width	1320 mm
Spectral sensitivity	405 nm
Platesetter compatibility	All the main brands violet CTP in market, laser power no less than 30 mw
Laser energy required	50 - 60 $\mu\text{J}/\text{cm}^2$ (varies based on platesetter manufacturer and developing condition)
Resolution	2%-98%@175 lpi . Dependent upon capability of imaging device.
Developer	Developing gum
Preheat	95-121 °C
Developing time	20-30 s
Developing temp	24 \pm 2 °C
Brush speed	100-120 rpm
Run length	200,000 impressions unbaked. Actual run length may vary according to press/paper/ink conditions
Shelf life	12 months, under recommended storage conditions
Transport and storage	Store plates flat in their packaging, away from excessive cold, heat or high humidity. Recommended condition is : temperature 15-28 °C & RH between 30 - 70%. Handle with care, the maximum height 1.2m. Open the box under yellow light. Sealed the box with remained plates to avoid moisture.

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