

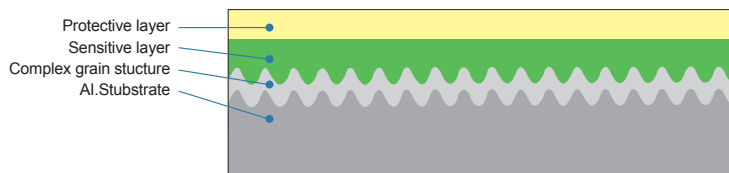
# PPVG Low Chem Violet Plate

Huaguang PPVG Low Chem Violet Plate is an environmental friendly product. Compared with normal violet CTP plate, PPVG plate keeps original photosensitive features and printing compatibility and have following advantages.

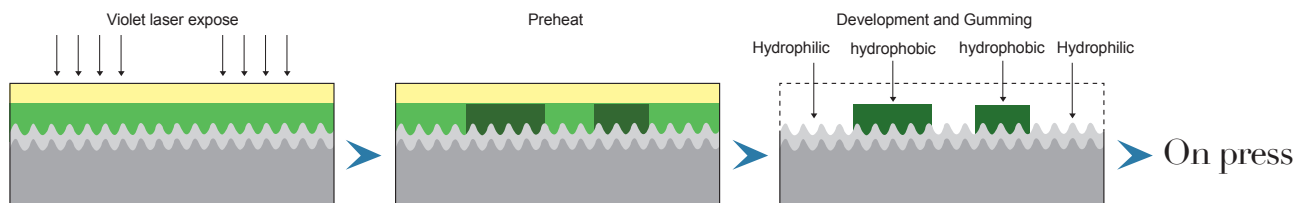
- ▶ Simplifying the processing, only three steps including preheating, developing and drying.
- ▶ Reducing chemical consumption, saving water.
- ▶ Weak alkali developer maximumly avoid developing inconsistency due to exhausted developer. It makes print quality more stable.



## Plate Structure >



## Plate-making >



## Technical Specifications >

Plate Type	Low chemistry violet plate , negative working
Substrate	Electrochemically grained and anodized aluminum
Gauge	0.15/0.20/0.25/0.30/0.40mm
Maximum short grain width	1320mm
Spectral sensitivity	405nm
Platesetter compatibility	All the main brands violet CTP in market, laser power no less than 30mw
Laser energy required	70-90uJ/cm <sup>2</sup> (based on platesetter and developing condition)
Resolution	2%~98%@175lpi (depending on capability of imaging device).
Developer	Developing gum
Preheat	105-110°C
Developing time	20-30s
Developing temp	24±2°C
Brush speed	100rpm
Run length	100,000 impressions unbaked. Actual run length may vary according to press/paper/ink conditions
Shelf life	12months, 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 is 1.2m. Open the box under yellow light. Sealed the box with remained plates to avoid moisture.