

PPVS Violet Photopolymer CTP Plate

Huaguang PPVS violet CTP plate developed by LUCKY HUAGUANG GRAPHICS CO.,LTD itself is a kind of plate specialized for violet CTP platesetters for high-level printing, which can be scanned by 410nm laser controlled by computer, and mounted on the press for printing after preheating, rinsing, developing, etc.

The plate is applied many latest technologies like excellent roughed aluminum substrate, high-resolution formulation design and advanced multi-layer coating technology. These advanced technologies ensure the high quality and stable property.



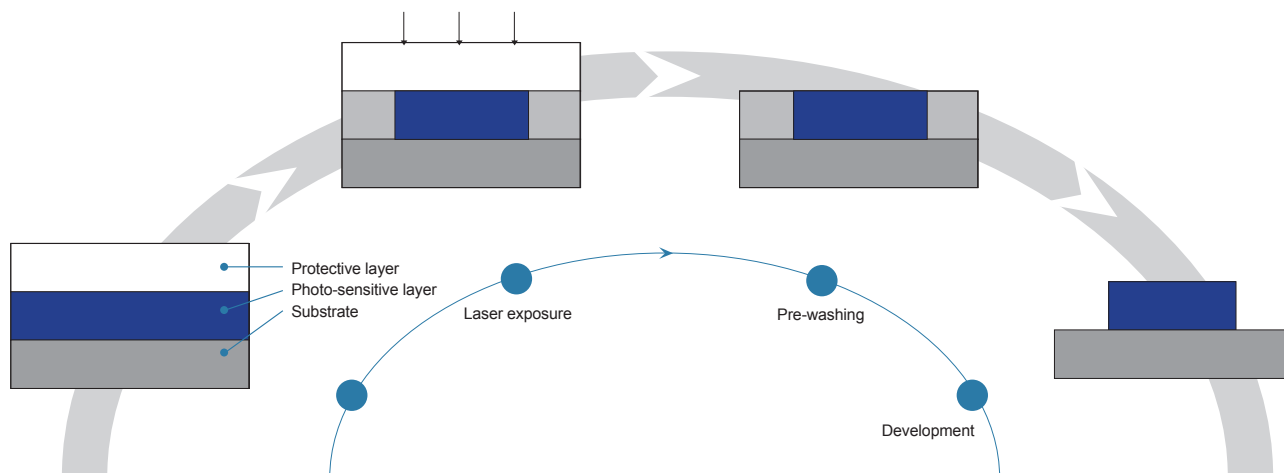
- ▶ High resolution
- ▶ High sensitivity
- ▶ Long run length
- ▶ Wide latitude
- ▶ Strong developer compatibility
- ▶ Outstanding platesetters compatibility

Plate Structure



The sketch of CTP photopolymer plate

Plate-making Process



Technical Specifications

Plate Type	Negative working, violet photopolymer digital plate
Application	Newspaper/Commercial printing
Aluminum	Electrochemically grained and anodized aluminum substrate
Gauge	0.15mm/0.20/0.25/0.30mm
Maximum width	1320mm
Spectral sensitivity	405nm
Platesetter compatibility	All the main brands in market,like Agfa/FFEI&FUJI/ Krause/ECRM/Highwater/Escher-Grad/Dotline
Sensitivity	70-80 uJ/cm ²
Resolution	3% to 97% @ 175 lpi under calibration
Processors	Recommended: Glunz&Jensen Raptor, Height inca/maya etc.
Developer	Huaguang PPD, FUJI LP-DWS, Agfa PL-10, IMAF NEGA 910
Processing	Preheat temp setting 90-100°C (plate surface temp.) For HuaGuang PPD: Developer, temperature 22-24°C /Dwell time 16-17 seconds For FUJI LP-DWS: Developer temperature 25-26°C /Dwell time 16-17 seconds For Agfa PL-10:Developer temperature 24°C /Dwell time 17 seconds
Run length	More than 150,000 impressions. Actual run length may vary according to press/paper/ink conditions
Safelight	For manual handling and platesetting loading, darkroom conditions with G10 safelight is required
Shelf life	12 months, under recommended storage conditions
Transport and storage	Store plates flat in their packaging (un-opened), away from excessive cold, heat or high humidity at 15°C -26°C, with RH between 40 - 70%.

