

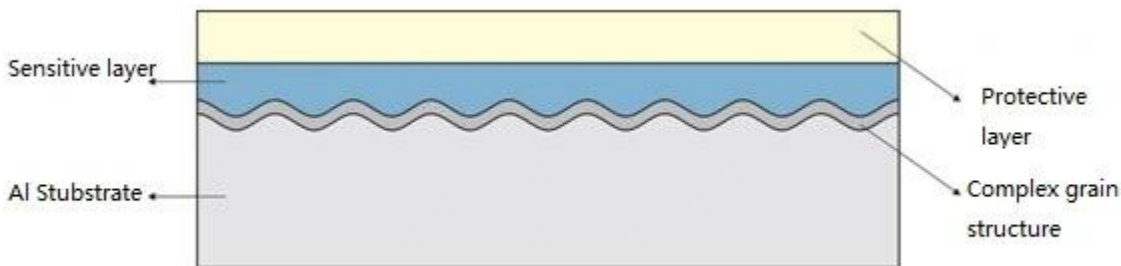
## EcooGraphix Negative Photopolymer Violet CTP Plate

### 1.Application

Ecoo-V is an environmental friendly Low Chemical Violet Photopolymer CTP plate for Newspaper printing. It 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 with 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.

Compared with normal Violet CTP plate, Ecoo-V keeps original photosensitive features and printing compatibility and have following advantages:

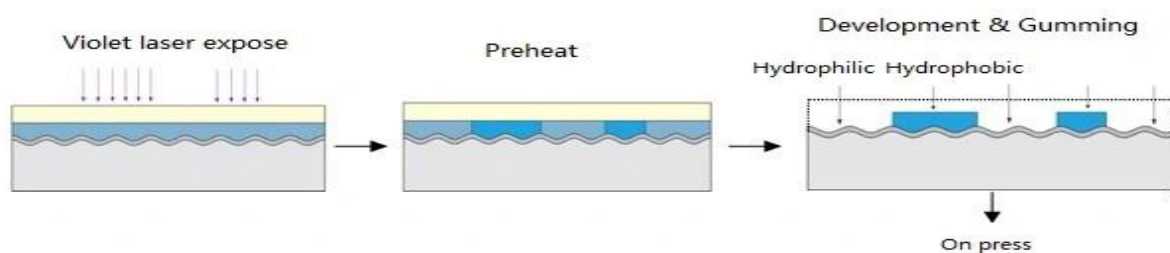


### 2.Characteristic

#### Features

1. Simplifying the processing, only 3 steps including preheating, developing, and drying.
2. Reducing chemical consumption, saving water.
3. Weak alkali developer maximumly avoid developing inconsistency due to exhausted developer. It makes print quality more stable.

### 3. Plate making



#### 4.Specification

<b>Plate Type</b>	<b>ECOO-V</b>
<b>Features</b>	Negative-working, low-chemical violet plate, also can work as normal violet plate
<b>Application</b>	Newspaper/Commercial Printing
<b>Substrate</b>	Electrochemically grained and anodized aluminum substrate
<b>Gauge</b>	0.20/0.25/0.30mm
<b>Plate-setter</b>	Existing mainstream 405nm violet plate-setter, All the main brands in market,like Agfa/FFEI&FUJI/ Krause/ECRM/Highwater/Escher-Grad/Dotline
<b>Processor</b>	Existing conventional violet processors and low-chemical violet processors. Recommended: Glunz&Jensen Raptor, Height inca/maya etc.
<b>Developer</b>	FUJI LP. DWS. Agfa PL. 10. IMAF NEGA 910; PVD gum
<b>Processing</b>	Preheat temp setting 90-100°C (plate surface temp) 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
<b>Run Length</b>	More than 150,000 impressions. Actual run length may vary according to press/paper/ink conditions
<b>Laser energy</b>	70-80 $\mu\text{j}/\text{cm}^2$
<b>Resolution</b>	3% to 97% @ 175 lpi under calibration
<b>Safe light</b>	For manual handling and platesetting loading, darkroom conditions with G10 safelight is required.
<b>Shelf life</b>	12months under recommended storage conditions
<b>Storage</b>	Temperature: 18-26°C Relative humidity: 30-70% RH
<b>Advantages</b>	Environment-friendly-----help enterprises to develop Stable developing performance, compatible with various kinds of developers Reduce equipment investment and maintenance cost

## 5.CTP Plate pictures



### Low-chemical Violet CTP Plate

**shelf life**  
2months  
has stored away  
in excessive cold.

**Substrate**  
Electrochemically  
painted and oxidized

**Plate storage**  
Store plate flat in  
original package, away  
from excessive cold,  
heat or high humidity  
11-24°C with RH



**Pre-press  
Environment**  
Use in controlled  
environment of  
temperature 11-24°C

## 5. Plate Producing and Packing

From producing to delivery,we make every details very carefully to guarantee the good product quality and service to customers .



## 6. Customer's feedback

<b>Customer Name and location</b>	Nigeria	 <p><b>Low-chemical Violet CTP Plate</b></p> <table border="1"> <tr> <td><b>Shelf life</b> 12months</td> <td><b>Substrate</b> Electrochemically grained and anodized</td> <td><b>Plate storage</b> Store plate flat in original package, away from excessive cold, heat or high humidity 18-26°C, with RH</td> <td><b>Pre-press Environment</b> Use in controlled environment of temperature 18-26°C</td> </tr> </table>  <p><b>Double Layer Thermal CTP Plate</b></p> <table border="1"> <tr> <td><b>Shelf life</b> 18 months</td> <td><b>Substrate</b> Electrochemically grained and anodized</td> <td><b>Plate storage</b> Store plate flat in original package, away from excessive cold, heat or high humidity 15-30°C, with RH between 40-60%</td> <td><b>Pre-press Environment</b> Use in controlled environment of temperature 18-24°C and RH 40-60%</td> </tr> </table>	<b>Shelf life</b> 12months	<b>Substrate</b> Electrochemically grained and anodized	<b>Plate storage</b> Store plate flat in original package, away from excessive cold, heat or high humidity 18-26°C, with RH	<b>Pre-press Environment</b> Use in controlled environment of temperature 18-26°C	<b>Shelf life</b> 18 months	<b>Substrate</b> Electrochemically grained and anodized	<b>Plate storage</b> Store plate flat in original package, away from excessive cold, heat or high humidity 15-30°C, with RH between 40-60%	<b>Pre-press Environment</b> Use in controlled environment of temperature 18-24°C and RH 40-60%
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<b>Installed Products</b>	Ecoo-V Low chemical plate, Ecoo-ED Thermal double layer plates									
<b>Success</b>	<p>is a very well known and top quality security printer in Nigeria. They are top leader of security printing in the country. They have been using Kodak, Agfa and fuji plates for long time, and they started replacing some of them with Ecoo-ED,a double layer thermal plate and Ecoo-V, a low chemical violet plate. The quality and batch to batch consistency of Ecoo plates have been great.</p>									
<b>Service Plan</b>	Technical support remotely by EcooGraphix China service team.									

## 7. FAQ

### Q1: Can I get the sample?

A: We are very glad to provide some sample for you to test. We usually provide 5-15pieces plates for free,but sincerely hope to get your kind support for the air courier freight. **This cost can be returned** to you in your first order.

### Q2: What is the cost for the CTP plate sample freight?

A: The Air freight depends on the packing size and weight, and the delivery destination. Or you can arrange the Pick-up service from your local agent.

### Q3: How long can the sample be ready?

A: It usually takes about 3days to prepare the sample.

### Q4: Can I visit your factory?

A: You are warmly welcomed to visit our factory! Our company is in Hangzhou city,which is about 1.5 hour by train from Shanghai.

### Q5:How do you guarantee stable quality?

A:There are 3 inspecting procedures: 1, automatic on-line 24h scanning detector; 2, random sampling per 15 mins at the producing line; 3, manually full inspection before packing.