

# Technical Specification of Low-chemical Violet CTP Plate



EcooGraphix

<b>Plate Type</b>	ECOO V
<b>Features</b>	Negative-working, low-chemical violet plate, also can work as normal violet plate
<b>Application</b>	Newspaper
<b>Substrate</b>	Electrochemically grained and anodized aluminum substrate
<b>Gauge</b>	0.20/0.25/0.30/0.40mm
<b>Plate-setter</b>	Existing mainstream violet plate-setter
<b>Processor</b>	Existing conventional violet processors and low-chemical violet processors
<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>Spectral sensitivity</b>	405nm
<b>Laser energy</b>	50-60 $\mu\text{j}/\text{cm}^2$
<b>Resolution</b>	150lpi (2-98%), under 1800dpi, 25 $\mu\text{m}$ line can be produced
<b>Chemicals</b>	PVG finisher
<b>Preheat</b>	95-121°C
<b>Developing temperature</b>	24 $\pm$ 2°C
<b>Developing time</b>	20-30s
<b>Run length</b>	Unbaked 200,000 impressions; Baked 500,000 impressions
<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

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