



| <b>Huaguang UV-CTP plate UV-PII Technical specifications</b> |  |
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| Plate Type   | Positive offset plate for UV-PII platemaking   |
| Application  | Medium run sheet-feed, web and packaging applications  |
| Substrate  | Electrochemically grained and anodized aluminum  |
| Gauge  | 0.15mm/0.30/0.40mm   |
| Maximum short grain width                                    | 0.15mm: 1050mm<br>0.30/0.40mm: 1320mm  |
| Spectral sensitivity   | 350-420nm UV light<br>365-375nm & 405-410 UV laser   |
| Safelights   | UV filtered or Yellow  |
| Sensitivity  | 35-45mj/cm <sup>2</sup>  |
| Color change   | Blue-Green to Pale Green after exposed   |
| Development  | Conductivity: min 55ms, max 70ms<br>Temperature: 20-25 °C PH 13.00-13.40   |
| Developer  | Common positive offset plate developer   |
| Plate data   | Ra: 0.55-0.70um<br>Coating weight: 2.0-2.4g/m <sup>2</sup><br>Oxidation weight: 2.8-3.2g/m <sup>2</sup>  |
| Dot reproduction   | 2%-98% in 200 lines/inch   |
| Final image colour   | Blue-Green   |
| Packaging  | 0.15mm 100 pieces/box<br>0.30/0.40mm<br>50 pieces/box if length <1030mm;<br>30 pieces/box if length ≥1030mm;<br>25 pieces/box if the area of each plate > 1 m <sup>2</sup> |
| Shelf life   | 18 months when stored in a light-free area away from excessive cold, heat and high humidity  |
| Run length   | 0.30/0.40 mm above 100,000 (Actual run length may vary according to press, ink and stock conditions.)  |