

Plate type	Conventional positive <b>YP-S</b>
Substrate	Electro-chemically grained and anodized lithographic aluminum.
Gauges	0.20/0.25/0.30/0.40 (mm)
Alloy	Standard 1050 alloy.
Maximum width	1310mm
Spectral sensitivity	350-420nm/
Safelights	UV filtered or Yellow
Sensitivity	110-120mj/cm <sup>2</sup>
Exposition	Light source: 3kw Iodine-Gallium (metal halogen) Distance: 110 cm Development condition: 23 degree, Developing time: one minute To obtain UGRA 3rd (D=0.35) step clear or 10-12 um micro-line appear, the exposure time is: 20 seconds
Color change	Blue-Green to Pale Green
Development	Conductivity: min 55ms, max 110ms Temperature: 20-25°C PH 13.00-13.40
Developer	Huaguang PD developer (concentrated solution), 1 liter can process 15 sqm Recommended dilution ratio: 1:4 (machine process) 1:5 (manual process)
Plate data	Ra: 0.55-0.75um Coating weight: 2.0-2.4g/m <sup>2</sup> (0.25/0.30mm) Oxidation weight: 2.8-3.2g/m <sup>2</sup> (0.25/0.30mm)
Dot reproduction	2%-98% in 300 lines/inch
Final image color	Blue-Green
Packaging	50 pieces/box if length <1030mm; 30 pieces/box if length ≥1030mm; 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	0.15mm above 50,000; 0.20mm above 80,000; 0.25mm above 80,000; 0.30mm above 100,000; 0.40mm above 150,000 (Actual run length may vary according to press, ink and stock conditions.)