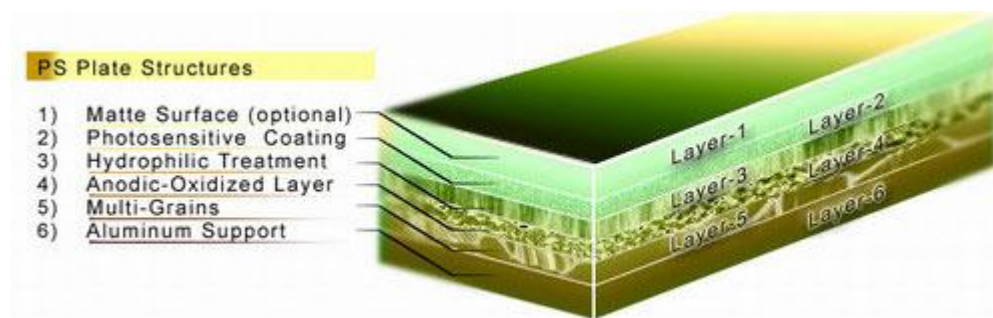


PS Plate

PS plate is the abbreviation of presensitized offset plates, PS plate can adapt to the development of lithography well.

According to the printing process, the type of sensitizer applied in the of PS plate is divided into positive type and negative type. The positive type is printed down with the positive original, to make the positive PS plate for printing on the machine; the negative type is printed down with the negative original, to make the negative PS plate for printing on the machine.



PS printing plate has high resolution, full dot reproduction, rich levels, and ink balance easy to master, stable performance, fast sensitivity, large development latitude, high printing resistance etc characteristics.

The specification of PS plate:

Product Name	Positive PS Plate
Color	Blue/Green
Processor	All the kind Brands
Developer	Any PS plate developer or our own developer
Aluminum Base Alloy temper	1060, 1050A, 1100 H18
Thickness	0.15-0.4mm(0.15/0.20/0.25/0.30/0.40mm)
Sizes	570 * 510, 650 * 550, 670 * 560, 680 * 640, 730 * 605, 745 * 605, 755 * 625, 830 * 670, 915 * 715, 920 * 760, 1030 * 770, 1030 * 785 , 1030 * 790, 1030 * 795, 1030 * 800, 1030 * 820,etc.various sizes or according to customer's requires
Maximum width	1350mm
Surface Roughness	0.5-0.8um
Plate base color density	≤0.01



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Mass per unit area of anodized layer	2.5-3.0g / m ²
Mass per unit area of photosensitive layer	2.2-2.3g / m ²
Sensitivity/Exposure energy	100-140mj / m ²
Spectral Sensitivity/Photosensitive wavelength	300-550nm
Exposure Duration	30 seconds, about 20 pulses
Developing time	20-30 seconds
Developing temperature	22-25 °C
Resolution	2-99% at 200lpi
Safety light	Under yellow light
Run Length	Standard plate making 50,000-100,000 impressions, Baked plate ≥200,000 impressions
Storage period	24 months, protected from light, moisture and heat
Storage conditions	Temperature ≤30 °C, relative humidity ≤65 °C, stacking height ≤1.5 meters

Note:

Samples available, we can send 8 pieces plates to customer for testing.

All sizes of plates can be supplied according to customer’s demand.

Online technical support supplied. If there is any problem, you can feel free to contact us at any time; we will help you solve the problem in time.

The Product Advantages of PS Plate:

1. Multi layer grains, smooth coating, high sensitive speed, excellent dot reappearance, large exposure and developing latitude, quick ink water balance, long impression
2. Abrasion resistant grains, precise size, excellent dot reappearance, quick ink water balance, super long impression
3. Economical printing, high-sensitive speed, perforation by international standard
4. Unique and Smooth Photosensitive Coating-High Sensitivity
5. Rough Gas-leading Layer
6. Excellent dot reproduction

Application of PS plate:

HC Positive PS Plate is suitable for all the mainstream printing down machines, developing machines and developer, widely used in all kinds of graphic offset printing.

The Packaging of PS Plate

Two coated faces are placed facing each other, separated by neutral backing paper in the middle,

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the outside is covered with plastic lined black Kraft paper and placed in the carton box,
each carton box is loaded around 50 -100 pieces,
Then stack the loaded carton boxes neatly on the wooden pallet and protect them with wooden
frames or cardboard.
Finally, wrap it with kraft paper or plastic film and tighten by plastic tapes.
Or Packed according to customer requirements.

