

Negative PS Plate

Negative plates produce an image when exposed to light, with the exposed areas remaining soluble and the unexposed areas becoming insoluble. They are ideal for printing large areas of solid color. Offset printing is a common method for producing high-quality prints, and PS plates are an important component of the process.

Because all of our plants are ISO 9000 certified, we produce high performing and easy-to-use PS plates to increase your printing productivity. You can expect consistency from product to product, box to box, batch to batch.

The specification of Negative PS plate:

Technical Data	Type	PS Plate
	Label	HC label, no label or customer label
	Gauge	0.15 - 0.40mm
	Coating	green face or blue face
	Spectral Sensitivity	350-430nm
	Exposure Energy	100 - 180 mj/cm ²
	Resolution	2% - 98% at 200 lpi
	Ugra Reading	recommended to use 13 step scale / three steps clear 80,000 - 100,000
	Run Length	actual run length may vary according to press, ink and paper condition.
	Recommended Developer	HC developer or any other type of PS plate developer
Plate Developing Condition	Protection Gum	suitable for any PS plate protection gum
	Developing Temperature	21 - 25 degree Celsius
	Developing Time	25 - 35s
	Developer Concentration	powder to liquid = 1:6 (automatic) powder to liquid = 1:7 (manual)
	Baking Temperature	220 - 250 degree Celsius
Plate Baking Condition	Baking Time	5 - 8 minutes
	Run Length after Baking	300,000 - 500,000
Storage Information	Safe Light	yellow
	Shelf Life	18 months under recommended storage conditions (10 - 30 degree Celsius, relative



humidity: 40% - 70%, stacking height less than 1.5 meter)

Package

0.15mm, 100 sheets per carton

0.30mm, 50 sheets per carton

The Product Advantages of Negative 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 Negative PS plate:

HC 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 Negative PS Plate

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

