

PRODUCTION WORKSHOP / QUALITY INSPECTION



What is PS plate meaning

PS plate(Presensitized Plate) consists of an aluminum sheet and a layer of coating, i.e., a photosensitive layer. The photosensitive layer is a layer formed by coating the photosensitive liquid on the substrate. The printing industry has long used PS plates in large quantities.

As long as the black draft is done, exposed and developed, it can be printed on the machine, with large printing volume and good quality. Now with computerization, even black draft editing, film production, printing... are automated. There are two types of PS plates: negative and positive. Now positive PS plate is more commonly used.



Positive PS plate specification

Name	Positive PS Plate	Spectral Sensitivity	320-450nm
Resolution	2-99%	Thickness	0.15-0.30mm
Colour	Green	Material	Aluminum
Sizes	Customized sizes	Developer Temperature	23+/-2Degree
Usage	Offset Printing, Digital Printing		
Specification	0.15mm100PCS/box;0.30mm50PCS/box		
Long impression	60000-100000impressions		
Laser Energy Required	80-180mj/Cm2		
Transport Package	Export Standard Seaworthy Package		

Features

- Consistent surface coating and ultra-high sensitivity
- Extremely high resolution and ultra-high print durability, up to 200,000-300,000 sheets
- Fine grain, high resolution, smooth and complete dots, and fine dot restoration
- Faster exposure time and excellent stability