Positive thermal CTP plates

CTP plate making technology is divided into: photosensitive CTP plate making technology and thermosensitive CTP plate making technology.The photosensitive CTP plate includes silver salt diffusion plate, high sensitivity resin plate and silver salt /PS plate composite plate;Thermal system CTP plates include thermal crosslinked plates, thermal ablation plates and thermal transfer plates.Thermal CTP is the most mature, most stable and effective plate making technology.

technical parameters

Type：S Positive thermal CTP plates

L thermal CTP plate(Improved on the s-type,It retains the advantages of stp-i and has longer run-length than stp-i.)

G thermal double CTP plate(Double coated Positive thermal CTP plate.It has higher run-length,

Better development adaptability and more exquisite mesh point reduction performance .It is a Positive thermal CTP plates suitable for fine printing)

Spectral Sensitivity:800-830nm

Exposure Energy:100~110 mj/cm2

Resolution:200lpi（1~99%）

Run-Length: 100000-200000(UV-INK)

200000-400000(Ordinary Ink)

*Run-Length varies with its printing conditions and imaging content.

CTP PLATE ADVANTAGES:

1.Professional formula design, reflect the thermal plate of the advantages, CTP plate, the photosensitive layer with a unique formula structure, so that the laser scanning dot edge more sharp, suitable for high-end commercial printing color printing.

2.High quality aluminum substrate, unique sand treatment technology, the thermal CTP plate is made of high-quality aluminum plate, and the unique plate base treatment technology is adopted to make the plate base with uniform fine sand structure and dense oxide film, which not only ensures the combination fastness of the heat-sensitive coating and the aluminum plate base, but also makes the plate with high printing resistance and precise dot reduction, providing a guarantee for high-quality printing.

3.Can in the Bright room for plate making operations

The unique design of the thermal CTP plate, it ensures that this plate has better security of bright room, can be completely in the bright room for exposure imaging and washing processing operations, convenient and comfortable, no need in the a dark room.

1. 4.Large operation tolerance, compatible with a variety of thermal plate machine,

Plate making operation is simple and wide tolerance, Can be compatible with the market popular various brands of thermal plate machine.