

Negative CTP Plate

Thermal Negative CTP Plate is an offset printing plate and uses electrochemically grained and anodized aluminum substrate. High efficiency and high quality is the key for printing plate in this competitive market.

Negative CTP plate can be used by thermal image setter, the plate directly goes from image setter to press without any processing steps in between, which greatly shortens the plate making time and saves developing products.

The negative CTP plate will partially expose the image and text during infrared scanning, while the **positive CTP plate** are exposed to non-image and text parts.

The Specification of Negative CTP Plates:

Product Type	Negative CTP Plate
Compatible Platesetter	All the dominant platesetters
Plate Thickness	0.15/0.20/0.25/0.30/0.40mm
Maximum Coil Width	1350mm
Spectral Sensitivity	830nm
Exposure Energy	110-130mj/c m ²
Developing Condition:	24-28 °C, 25-35S
Safe-light	2 hours under white light
Resolution	1-99% at 200lpi
Run Length	50,000-100,000copies(Unbaked),100,000-200,000copies(Baked) *Run Length varies with printing conditions and imaging content, including paper,ink.
Shelf Life	18 Months
Storage Conditions	Temperature 10-25 °C, 40%-60% humidity Keep away from sunlight and humidity. Pack height < 1.5 meters

The Features of Negative Thermal CTP Plates:

Easy-to-use;

Able to work under white light and no need to pre-heating;

Steady Quality, Good Compatibility, Excellent dot reappearance, Long Run-length;
Close-grained Oxidation Layer –Outstanding dot reproduction, high resolution;
Excellent Hydrophilicity- keep ink-water balance optimally;
Unique Photosensitive Coating-High and fast Sensitivity.

The Application of Thermal Negative CTP Plates:

HC CTP plate can be used for offset/lithographic commercial and newspaper printing. Unique production technology and high quality raw materials make the plate gain high photosensitive speed, good half-tone dot reproduction and stable performance.

The Packaging of Negative CTP Plates:

Two coated sides 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. Loaded carton boxes on the wooden pallet protected 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.

