

Thermal CTP Plates

HC Thermal CTP plate is a high-quality printing plate specialized for thermal CTP platesetter. It is directly scanned by 830nm laser controlled by computer and put on press for printing after developing.

This cost-effective plate enables users to enjoy high-performance printing at a low cost from the world first-class plate manufacturers. It is an ideal choice for typographers with high requirements of printing precision.

Thermal CTP plate is a superb long run plate that does not require pre-heating. This plate is post bakeable and is suitable for UV printing. The thermal CTP plate has enhanced handling characteristics minimizing plate spoilage.

The Specification of Thermal CTP Plates:

Product Type	Thermal 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 200dpi
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 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 CTP Plates:

HC thermal 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 Thermal 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.

