

## Positive Printing Plate

Positive printing plates are produced by bringing an unexposed plate into contact with a photographic positive of the image to be printed, and exposing it to a high-intensity light.

The positive plate's coated metal surface is exposed in the non-image areas—where light passes through the positive—and unexposed in the image areas—where light does not pass through. The exposure to light renders the non-image areas soluble, and after platemaking the plate is chemically treated to dissolve the non-image areas, rendering that portion of the plate water-receptive, the unexposed image areas remaining hard, durable, and ink-receptive.

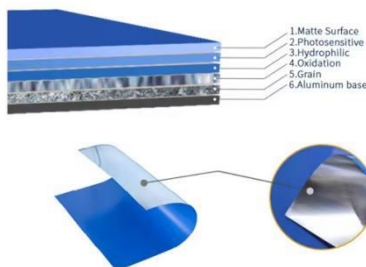
Some positive printing plates can be thermally cured, which further hardens the image areas, making them suitable for longer than usual press runs. The non-image areas are then treated with a solution of gum arabic (or other gum, either natural or synthetic), which desensitizes the non-image areas, adding a higher degree of water-receptivity.

The advantage of positive plates is that they tend to reproduce halftone images with less dot gain than **negative plates**.

### The Specification of Positive Plate:

HC Aluminum supply types of positive printing plate for commercial and industrial printing including **positive CTP plate**, positive CTCP plate, positive PS plate, positive thermal plates and so on.

### The Structure of Positive Printing Plate:



### The Features of Positive Printing Plate:

1. High quality aluminum, composite grain and long run-length.

2. Capable of bright room operation.
3. High resolution and precise halftone dot reproduction.
4. Good development tolerance and convenient operation.

### The Application of Positive Plate:

The positive printing plate produced by our company is compatible with all mainstream thermal plate-making machines in the market, and is widely used in packaging and exquisite commercial printing.

### The packaging of Positive Plates For Offset Printing:

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.

