

TD-G Plus

⦿ Product Features

Huaguang Processless Thermal CTP Plate TD-G Plus is a new kind of environment-friendly printing product. After exposed, it can be put on press directly without processing. The plate ensures good performances, such as excellent dot reproduction, wide exposure latitude, good latent image and plate-making stability, and long run length.

⦿ Environmental-friendly

Without development processing, there is no need for developer, strong alkali, PH buffer agent, antioxidant and dispersants. As a result the pollution of chemicals doesn't exist. The green plate-making process can be achieved.

⦿ High efficiency for plate-making

Shorten plate-making time by omitting processing, there is no need for processor running and maintenance while eliminating all influences because of processing variables.

⦿ Stable and excellent printing performance

Huaguang TD-G plus plates deliver the quality, productivity and print capabilities of mainstream processed plates. Not only can they satisfy the needs of commercial flat printing, but also for heat-set type and cold-set type rotary press and offset packaging, even a short-run of the UV printing.

⦿ Improving competitiveness and realizing sustainable development

Huaguang TD-G plus plates deliver reduction in operating costs and environment impact, while offering mainstream performance, quality and run length capability. All of these will become the most effective tools in the market competition, which further promote the order of enterprise management, enhance the benefits and the competitiveness of the company and realize the sustainable development of the company and environment.





HUAGUANG CTP PLATES TD-G Plus

Technical Specifications

Plate	non-ablative, thermal, negative plate
Application	High quality run sheet fed, heat set web. offset packing (non UV) and short-run UV application
Substrate	Electrochemical grained and anodized aluminum substrate
Gauge	0.15, 0.2, 0.3 and 0.4 mm availability in selected regions. Please contact your local supplier products.
Spectral sensitivity	800-850 nm
Platesetters	compatible with platesetters from major suppliers
Laser energy required	150 mJ/cm ² , dependent on image type, configuration and resolution.
Resolution	1-99% @200 lpi, dependent upon capability of imaging device.
FM capability	20-micron stochastic, dependent upon imaging device capabilities, print application, and screening algorithms.
Run length	Up to 200,000 impressions with head-set/commercial cold-set web presses Up to 100,000 impressions with sheet fed presses Up to 50,000 impressions for offset packaging(non UV) Up to 30,000 impressions for UV-ink applications Dependent upon image resolution, press, press chemistry, ink, and paper conditions.
Safelight	The plate can be handled before and after imaging safely for: safe light limits @ 800 lux 1 hour under daylight lamp without natural light. 4 hours under yellow light
Shelf life	12 months, under recommended storage conditions
Storage conditions	temperature: 18-25 °C, RH: 30-60%

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