



GOLDEN EARTH INTERNATIONAL CO., LTD

PROCESSLESS

CTP PLATES

GE-G

FULFILL ALL YOUR PRINTING DEMANDS

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PRODUCT FEATURES

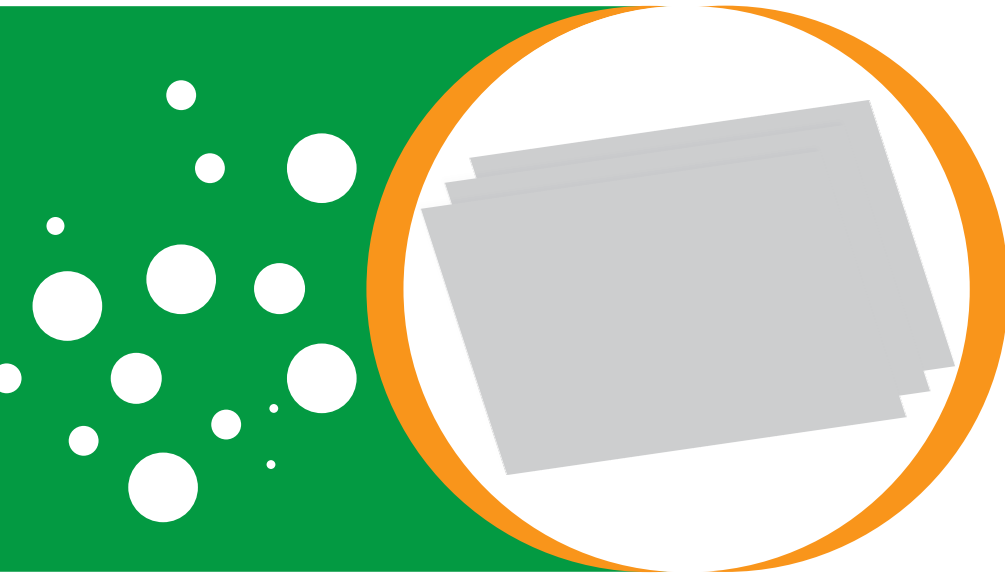
Golden Earth Processless Thermal CTP Plate GE-G is a new kind of environment-friendly printing products. After exposure, it can be put on press directly without processing. The plate ensures good performances, such as excellent dot reproduction, wide exposure latitude, good latent image and plate making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

ENVIRONMENT-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 don't exit. 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

Golden Earth GE-G 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 DEVELOPER

Golden Earth GE-G 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.

TECHNICAL SPECIFICATIONS

PLATE TYPE/	Non-ablative, thermal negative-working plate
APPLICATION/	High-quality short- to medium-run sheetfed, heatset web, offset packaging (non UV) and short-run UV applications
SPECTRAL SENSITIVITY/	800 – 850 nm
LASER ENERGY REQUIRED/	150 mJ/cm ² , dependent on image type, configuration and resolution
RESOLUTION	1% to 99% @ 200 lpi Dependent upon capability of imaging device
FM CAPABILITY/	20-micron stochastic Dependent upon imaging device capabilities, print applications and screening algorithms
RUN LENGTH/	Up to 200,000 impressions with heatset/coldset web presses Up to 100,000 impressions with sheetfed presses Up to 50,000 impressions for offset packaging (non-UV) Up to 30,000 impressions for UV-in applications Dependent upon image resolution, press, press chemistry, ink and paper conditions
SAFELIGHT/	The plate can be handled before and after imaging safely for: up to 1 hour under daylight lamp without natural light up to 4 hours under yellow light
STORAGE CONDITIONS/	Temperature: 18-25 in Celsius, RH: 30-60%