

GSI Offset Inks



50 Piso issued 2023, Philippines

GSI offset security inks bring banknote designs to life by combining vibrant colours with extreme printing precision. Developed for modern high-speed security presses, they enable complex multi-colour backgrounds while seamlessly integrating visible and covert security features tailored to each country.

GSI security offset inks enable precise guilloches, rainbow printing, micro-lettering and see-through registers, while integrating covert features such as IR, fluorescence and up-conversion.

They are optimized for high-speed offset presses with excellent stability on press and fast drying on paper, polymer and hybrid substrates.

Available for dry and wet offset, oxidative and UV curing, including mono-pigmented base inks for custom colour blending.

Key characteristics

- Enables vibrant, multi-colour banknote backgrounds and rainbow effects
- Integrates visible and covert security features in one print process
- Suitable for paper, polymer and hybrid substrates
- Compatible with dry and wet offset, oxidative and UV-curing processes
- Optimised for high-speed security printing and long press runs
- Available as ready-to-use inks or mono-pigmented base inks for colour blending

