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Infinity Pro



Plancha CTP Térmica

INFINITY PRO es una **plancha térmica positiva de alta resistencia química** en máquina de imprimir.

La plancha INFINITY PRO ha sido diseñada para ofrecer al impresor una **excelente productividad en pre-impresión y elevada tirada en máquina** de imprimir sin necesidad de post-horneado.

Con una **alta sensibilidad en la grabación** y resolución de copia, reproduce hasta 20 µm en trama estocástica - FM. INFINITY PRO es adecuada para la impresión de un amplio rango de aplicaciones sea con **tintas UV, metálicas o convencionales** sin necesidad de post-horneado.

- Elevada sensibilidad / Alta productividad.
- Alta estabilidad en la reproducción tonal.
- Largas tiradas en máquina de imprimir sin post-horneado.
- Resistente a tintas UV y solventes.
- Bajo consumo de revelador y regenerador.
- Alta compatibilidad con otros reveladores.



Thermal CTP Plate

INFINITY PRO is a **positive working thermal plate** with **high chemical resistance** on press.

INFINITY PRO plate has been designed to **provide the printers excellent productivity in pre-press** and high run-length without the need for post-baking.

With **high sensitivity and resolution**, is suitable to reproduce up to 20 µm stochastic screen.

INFINITY PRO is suitable for a wide range of printing as packaging **with or without UV ink, metallic or conventional inks**, without need for post-baking achieving long run lengths.

- High sensitivity / High productivity.
- High stability in tonal reproduction.
- Long runs on press without post-baking.
- Resistant to UV inks and solvents.
- Low consumption of developer and replenisher.
- High compatibility with different developers.

Infinity Pro

Technical specifications

Type	Positive working thermal
Substrate	Electromechanical grained and anodized aluminium
Coating Color	Blue
Plate Gauges	Standard: 0,15 - 0,30 mm - 0,40 mm / On request: 0,20 - 0,25
Application	Sheet-fed and Coldset / Heatset web presses
Laser Characteristics	IR - Infrared laser
Spectral Sensitivity	800-830 nm
Energy Required	100-110 mJ/cm ²
Screen Reproduction	1-99% @ 400 l.p.i.
Resolution	Up to 5080 d.p.i. and FM screen 20 µm
Safelight	Daylight handling
Development	Use Abezeta developers and replenishers
Processing Conditions	Temperature: 22 ±1° C Dev. Time: 25 ±5 seconds
Finishing Gum	Use Abezeta Gum for standard process
Run Length	100.000 impressions – UV ink 300.000 impressions – Conventional ink
Shelf Life	24 months
Storage Conditions	Temperature: Up to 30° C Relative Humidity: Up to 70%



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