



ECLIPSE

The most convenient process-free printing plate

Looking for an offset printing plate that combines the benefits of process-free technology with effortless printing? Eclipse provides it all: great image contrast, high scratch resistance and excellent office-light stability.

Eclipse eliminates the need for a processor/clean-out unit, saving you money, maintenance time and floor space. In addition, Eclipse is just as easy to use as a conventional offset plate, combining press purity with superior and stable image contrast and excellent scratch resistance. And it is flexible too, as it can be used with either conventional or UV inks.

YOU
PRINT.
WE
CARE.

Superior and stable image contrast

Eclipse features a superior and stable image contrast, enabling quick visual image inspection, as well as recognition by punch & bending systems. Even after a week of storage, there will be no mix-ups on press or costly plate remakes.

Office-light stability

Eclipse keeps its great contrast even after 24 hours in office light, which makes an enormous difference compared to the two hours of other process-free plates. During this period, print quality will be fully preserved in terms of dot gain, toning, start-up time...

Contrast after 24h of office light



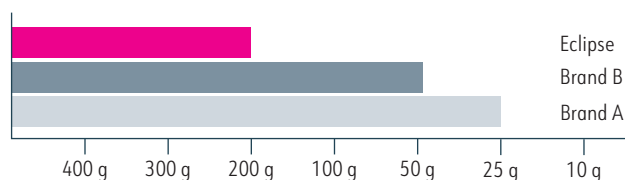
Brand A

Brand B

Eclipse

Excellent scratch resistance

Eclipse is highly resistant to scratches, which means you can handle the plate without worrying about damaging it. As plates don't get scratched, they won't need to be remade either – gaining you time.



Keeps your press clean

Thanks to Eclipse's patented process-free technology, the coating of the plate gets transferred to the first few printed sheets – instead of to the fountain, ink or rollers, as is the case with other process-free printing plates. In addition, Eclipse gives you quite some leeway in terms of maintenance, founts or start-up procedure.

PLATE CHARACTERISTICS

Plate type	Negative-working thermal photopolymer offset plate
Substrate	High-quality grained and anodized aluminum
Spectral sensitivity	830 nm (thermal laser diode)
Practical sensitivity	110-130 mJ/cm ²
Platesetter compatibility	Compatible with 830 nm platesetters
Image contrast	Excellent and stable
Plate sizes & gauges	All common plate sizes & gauges
Resolution (depending on platesetter)	XM 240lpi @2400 dpi: 1-99% (depending on platesetter) FM 25
Run length (depending on print conditions)	Up to 200,000 (UV inks: 50,000)

ENVIRONMENT

Room lighting	Office light
Room conditions (T, RH)	18-24 °C (64-75 °F), < 65% RH
Storage conditions	Below 32 °C (90 °F), <70% RH

ECO3 OPTIMIZED PRESSROOM SUPPLIES

	Oxidative	(Low-power curing)-UV
Plate cleaner	ANTURA CtP Plate Cleaner	ANTURA UV PL Cleaner
Fountain solution	Eclipse is compatible with all ECO3 fountain solutions	
Roller and blanket wash	Eclipse is compatible with all ECO3 roller and blanket washes	
Correction material	Process-free deletion pen	
Pressroom specialties	ANTURA contrast enhancer	

ECO3.com

ECO3 is committed to continuous innovation that targets ecology, economy and extra convenience. Our solutions are designed to deliver higher productivity, lower costs and greener outcomes.