

ECLIPSE

The most convenient process-free printing plate.

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.

Eclipse. See the difference.



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

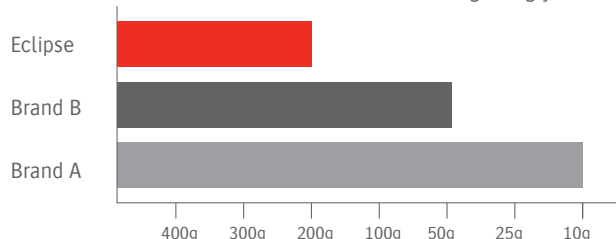
Eclipse keeps its great contrast even after 24 hours in office light, which makes an enormous difference compared to the two hours of other process-free plates. During this period, print quality will be fully preserved in terms of dot gain, toning, start-up time...

Contrast after 24h of office light



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. You can rest assured that this plate will work its wonders at all times.

Technical specifications

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	All common plate sizes
Resolution (depending on platesetter)	<ul style="list-style-type: none"> XM 240lpi @2400 dpi: 1-99% (depending on platesetter) FM 25
Gauges	All common plate gauges
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 - More value for your business

Agfa is committed to sustainable innovation that focuses on ecology, economy, and extra convenience – or ECO³. Our offering makes prepress and printing operations cleaner, more cost-effective and easier to operate and maintain. It also leads to unparalleled ink saving, as well as reduced make-ready time and paper waste. The ultimate goal? More value for your entire business!

eco3.graphics



Watch the movie to see how Eclipse works.

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