



# Highest Definition, **No-Process Plates** for the Commercial Printer

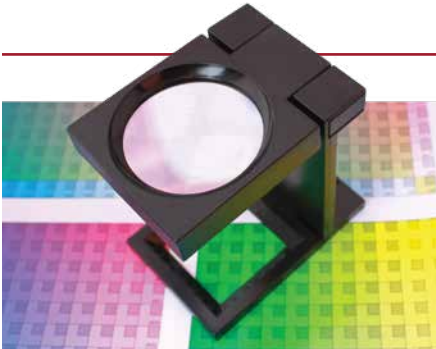
## No Process Thermal Platemaking for sheetfed, heatset or coldset web

### Save Time with GEM 5

The faster your plates are run-ready, the faster you're on to your next job. For commercial printers and your customers, speed is key. When everyone wants their work "yesterday," every minute not printing is dollars lost for your operation.

GEM 5 Plates are made for the pace needed by today's commercial printers. 100% chemistry free, no processing chemicals, less time or less clean up. Just image and go!

### RIP. IMAGE, DEVELOP ON PRESS. PRINT!



### Print Higher Quality with GEM 5

Right out of the platesetter you can tell GEM 5's quality. The highest definition latent image is instantly visible— your validation that you are using the best plate in the business.

Crisp hard dots. Better print quality. More efficient, productive press operations. More satisfied customers!

### Save Money with GEM 5

No chemistry to buy, to inventory, store, clean up and dispose. Lower energy costs. Think of the time and money you can save with GEM 5 plates. Plus your prepress and press crew can focus on the getting quality product out the door versus dealing with the handling and disposal of spent chemicals.

Plus GEM 5 helps your operation lower its environmental impact because processing chemicals are eliminated, less water and paper is needed at startup and less energy is used.



### Get Timely, Reliable Supply of GEM 5 with SLP

GEM 5 Develop-on-Press plates from Southern Lithoplate give commercial printers the best of both worlds — world class, highest-quality plate performance, and dependable, customer-satisfying service to your operation.

SLP is committed to the world of print and dedicated to your print profitability. That's why our customers consistently reward us with a satisfaction rating of 99%. Compare that to other plate suppliers!





# Highest Definition, **No-Process Plates** for the Commercial Printer

## **GEM 5 delivers high-efficiency, high quality and affords you all the benefits of no process, DoP high-performance.**

GEM 5 DoP is a nonablative negative working polymer-coated plate which can be laser imaged right out of the box and mounted on the plate cylinder of any offset press. Available in 0.008" and 0.012" gauge, this plate is electrochemically grained and anodized with a proprietary post treatment that permits reduced water and ink settings.

It operates at 130-140 mJ/cm<sup>2</sup> on any thermal platesetter within a 810-830 nm range. The Gem 5 plate delivers a resolution of 1-99% at 200 lines per inch, with screening to 20 microns. Plus, it meets the demands for imaging quality up to 2400 dpi resolution.

GEM 5 plates have a shelf life of 12 months with recommended storage and are safelight, white light stable for 4 hours or more at Lux Levels ≤ 600.



## **Start Accruing the Benefits of GEM 5 DoP Plates**

- For a wide range of press types including sheetfed, heatset or coldset web
- 830 nm spectral sensitivity
- High resolution 1-99% at 200 lpi, supports RM (stochastic) screening
- Hard, durable dots
- Fast imaging due to low power at 130-140 mJ/cm<sup>2</sup>
- Strong latent image for easy identification
- Stable for 4 hours in white room light
- Run lengths up to 100,000\*

\*Actual run length may vary according to press, ink and paper conditions

**Experience the GEM 5 plate at your operation and witness the difference in service and response you get when you lean on Southern Lithoplate as your plate partner.**

**Contact your Southern Lithoplate representative or your authorized dealer representative today.**



To learn more about Plate and CtP solutions from SLP:  
Visit [www.slp.com](http://www.slp.com) or call **(800) 638-7990**

Southern Lithoplate, Inc., P.O. Box 9400  
Wake Forest, NC 27588