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DuPont™  
**Cyrel® FAST**

“TURNING UP THE HEAT” ON  
OTHER PRINTING PROCESSES



**DuPont Packaging Graphics**  
“Advancing Flexography”



*The miracles of science™*



## “Turning up the heat“ on other printing processes

### DuPont™ Cyrel® FAST

**DuPont™ Cyrel® FAST is turning up the heat to help our customers gain competitive advantage in the global packaging graphics value chain.**

**Flexography continues to “turn up the heat” on other printing processes, to respond to the need for quality, flexibility and cost-effectiveness in packaging print.**

This new position, as packaging’s preferred printing process, can partly be attributed to the DuPont scientists. We continue to develop unique solutions based on new technologies to help our customers expand their business by taking advantage of new profitable packaging printing opportunities that provide immediate and lasting benefits in terms of productivity, efficiency and profitability.

One example is the Cyrel® FAST system. Developed in conjunction with leading flexo trade shops and printers around the world, it uses a dry thermal technology for plate processing, completely eliminating conventional chemical solvents and aqueous washout solutions. In addition to the obvious environmental benefits, it offers a faster, cleaner and more cost-effective solution to flexo plate production for a wide range of packaging applications, including labels and flexible packaging.

**Cyrel® FAST systems can process plates that have been imaged conventionally. However, in an increasingly digital world, the most common means of imaging is by laser. That is why DuPont designed “the ideal workflow”.**

**DIGITAL QUALITY – Using digital imaging, Flexo now offers the best balance of quality, flexibility and cost-effectiveness for more packaging applications.**

Cyrel® Digital Imager (CDI) uses external drum imaging technology to deliver exceptional image quality. With screen rulings up to 200 lpi and the ability to image halftones from 1-99% dot, the image quality competes head-to-head with the offset and gravure printing processes. The increasing speed of CDI technology – currently 8 sqm/hour – is driving the need for faster processing, as provided by Cyrel® FAST.

**ACCURACY – 100% contact between mask and photopolymer produces ultra-sharp dots and clean reverses. Image to plate registration is also improved and contacting errors such as dust spots are eliminated.**

Cyrel® FAST plates, designed for digital imaging, have an integral layer which is ablated by the imaging laser to leave a perfect mask for the next stage in the platemaking process – UVA exposure.

**EASY TO INSTALL, LEARN AND USE – Transition to Cyrel® FAST is easy and cost effective, with little retraining, space or waste implications to consider.**

Cyrel® FAST development units are totally self contained. They have a small footprint (around 1/3 the area of a solvent processor) and need no auxiliary equipment, such as solvent tanks or waste disposal. This makes them equally suitable for installation in artwork departments and/or conventional platemaking areas. With no chemical mixing or temperature control to worry about, the units guarantee totally consistent and simple operation.

**VERSATILITY – Increased flexibility for your operation both now and in the future.**

Cyrel® FAST formats suit most popular press sizes and the needs of repro houses to make different format plates for different customers.

Cyrel® FAST 1000TD: up to 35.4 x 47.2 inch (90 x 120 cm)  
Cyrel® FAST TD4260: up to 42 x 60 inch (106.7 x 152.4 cm)

**Which Cyrel® FAST system is best suited to your business?**

DuPont has sophisticated ROI software to identify which solution will maximize plate usage.



Design Workstation



Cromalin® digital



Cyrel® Digital Imager



Cyrel® ECLF



Cyrel® FAST

### DuPont – the ideal workflow