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To learn more, visit www.packaging-graphics.dupont.com
or contact Charlotte Plumpton on:

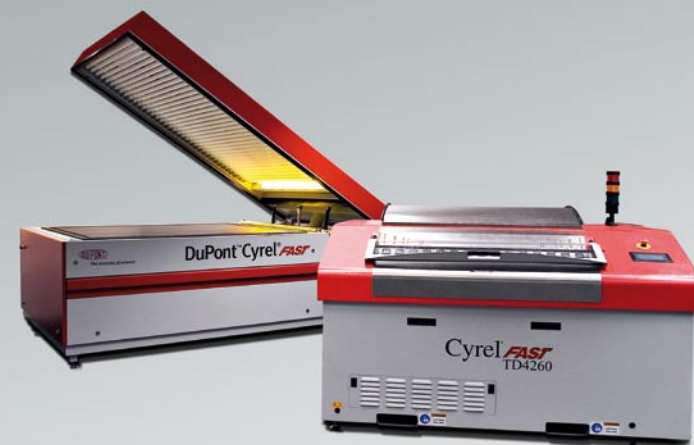


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DuPont™
Cyrel® FAST

EASY TO INSTALL, LEARN
AND USE.



DuPont Packaging Graphics
“Advancing Flexography”



The miracles of science™



Easy to install, learn and use.

DuPont™ Cyrel® FAST

DuPont – the ideal workflow.

Cyrel® FAST plates can be imaged using conventional UV exposure, through a film negative, or by laser ablation using a Cyrel® Digital Imager (CDI). Following the imaging process, the plates are given a “back exposure” and a “main exposure” in the same manner as for conventional photopolymer plates.

When ready for development, the plate is clamped in the Cyrel® FAST unit on a drum that passes an infrared heating section as it turns. During the development process, the plate is heated to the melt flow index of the photopolymer. It is then pressed gently against a non-woven fabric, which absorbs the unexposed, molten photopolymer, leaving a clean printing surface without the action of solvents or abrasion.

In this way, Cyrel® FAST development produces a superior plate as described in this leaflet. In addition to surface quality, the Cyrel® FAST process has two further major advantages. Firstly, because there are no chemicals used in the development, plates do not need to be dried to remove solvent residue. After post exposure, they are ready to be mounted on the press right away. This saves considerable time and can reduce the platemaking process by up to 75%.

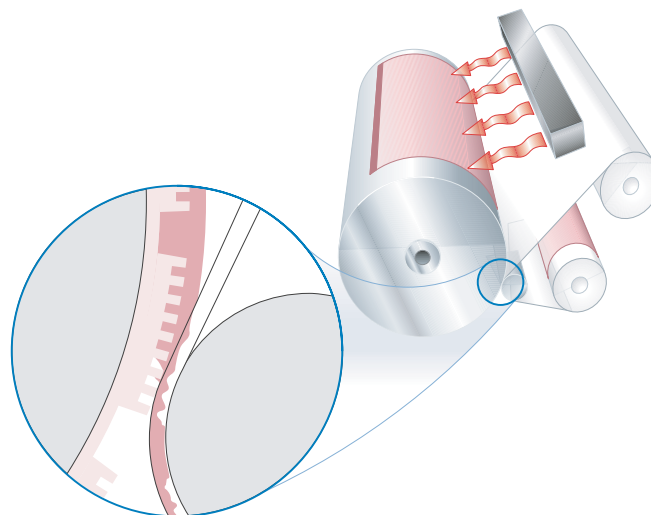
Secondly, the fact that no solvents are used in the process, produces plates which transfer ink more consistently.

Cyrel® FAST Plate Technology

Four plate types are currently available for the Cyrel® FAST system to cover the widest range of packaging applications. DuPont is expanding the range on a continuous basis to cover the opportunities created by the larger format Cyrel® FAST technology.

Cyrel® DFH

Very fast access, high durometer plate, designed to meet the needs of high quality flexo with finest halftone, linework and solids.



Cyrel® DFM

Very fast access, medium durometer plate, designed to meet the needs of high quality flexo with fine halftone, linework and solids.

Cyrel® FD1 & FD2

Very fast access analogue plate, designed to meet the needs of high quality flexo with fine halftone, linework and solids.

Cyrel® FOP

Coatings plate for offset printing. This plate offers high quality print finishing.

Cyrel® FAST plates ensure maximum compatibility with the flexo printing process and have superior features:

- Extremely rapid access time thanks to thermal plate processing without drying
- Excellent ink transfer permits superior printing uniformity
- Higher durability for long print runs
- High exposure resolution results in better quality reproduction
- Image relief is clean and sharp
- Exceptional thickness uniformity – No plate swelling during platemaking
- Less make ready time on press
- High resistance to ozone and white light results in excellent storage capability
- Excellent varnish transfer for litho applications

Cyrel® FAST – the printer’s plate of choice!