

DuPont™ Cyrel® FAST provides very fast access digital plates that are developed thermally, without any solvents or drying requirements. Thermal processing reduces the energy-to-product and material-to-product ratios and cuts production time in half making it an eco-efficient choice for a variety of package printing applications. The family of plate types and gauges meet and exceed some of today's toughest print requirements.

DuPont – The ideal workflow



DuPont™ Cyrel® FAST

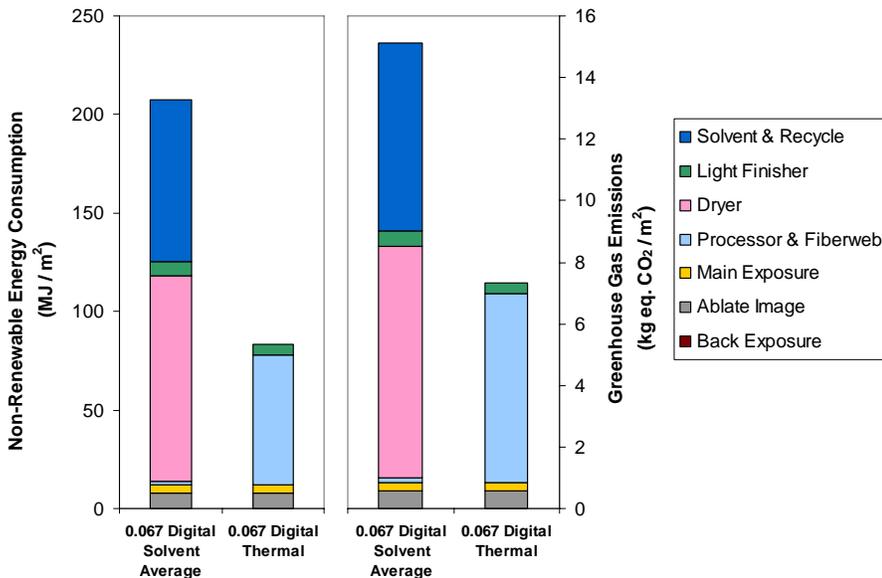
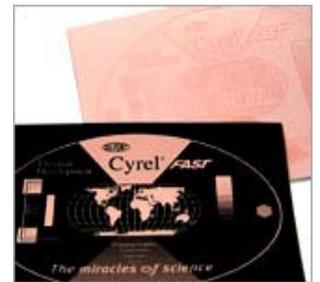
In early 2007, DuPont Packaging Graphics began a Life Cycle Assessment (LCA) of its four platemaking systems – analog solvent, digital solvent, analog thermal and digital thermal. The objective of this study was to compare the environmental performance of its solvent-based and thermal flexographic plate imaging technologies.

All data for the LCA was collected by means of questionnaires. DuPont gathered inputs from LCA participants in North America and the International Packaging Institute, a specialized consultancy headquartered in Neuhausen Sweden, collected data from participants in Europe.

The Life Cycle Assessment was conducted in compliance with ISO 14040-44. A critical peer review was completed in August 2008.

The two principle environmental impact areas measured are greenhouse gas emissions and non-renewable energy consumption.

The study found that the digital thermal process (with PET fiberweb) has a 60% lower non-renewable energy consumption and 51% lower greenhouse gas emissions compared to the average digital solvent plate imaging processes for a 0.067 plate.



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* DuPont Packaging Graphics Life Cycle Assessment, July 2008. LCA Report available at www.cyrel.eu



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