

Innovate for a better sustainable printing future!



As regulatory agencies around the world place more stringent focus on environmental sustainability, Asahi Photoproducts continues to innovate in platemaking technology with a solution that aims to produce plates in an office-type environment, processing photopolymer and reducing VOC emissions into the atmosphere.

We call this technology CleanPrint.



What is CleanPrint

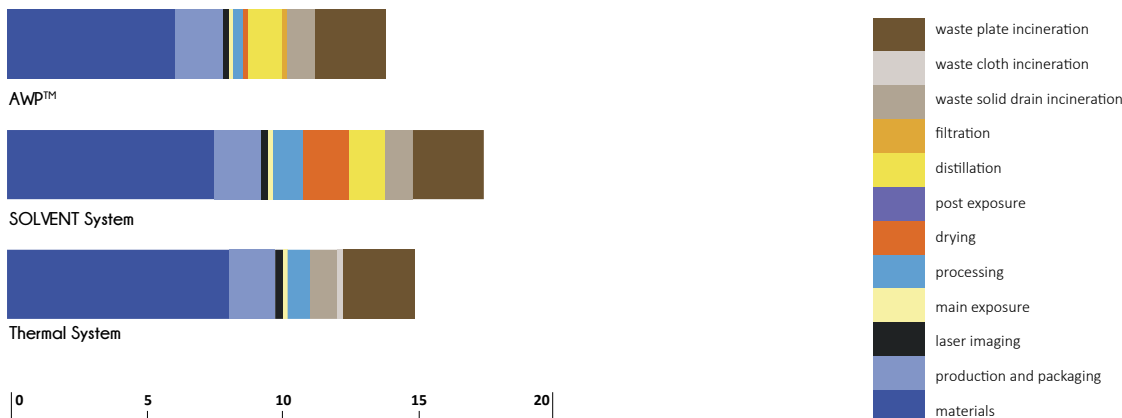
CleanPrint flexographic plates from Asahi Photoproducts have been specifically engineered by Asahi's chemical engineers to transfer all remaining ink to the printed substrate, reducing makeready time and ink consumption while delivering exceptional quality.

Sustainable Business Solution

AWP™ CleanPrint plates emit fewer VOCs in prepress and the pressroom. Studies show that water-washable CleanPrint plates have the smallest cradle-to-grave carbon footprint when compared to solvent or thermal solutions. Less makeready waste and waste due to plate cleaning press stops add even more environmental sustainability. And more efficient throughput means less energy consumption.

Reducing Flexo's Carbon Footprint

CleanPrint helps flexographic printers with regulatory compliance and creates a safer, cleaner work environment for employees. Not only does it reduce flexography's carbon footprint, it also results in a total process cost reduction.



CO₂ Emission. Kg/CO₂ per sqm. Plate thickness 1.14mm
 Asahi Kasei Corporation calculation was based on the ISO 14040/14044 using JEMAI* methodology.
 The Ajinomoto Company material data base was used.
 *Japan Environmental Management Association for Industry.

What's Next?

CleanPrint plates offer a win/win solution to flexographic platemaking. Flexo printers/converters win by increasing capacity and reducing costs. Brand owners win by reliably acquiring extremely high-quality labels and packaging that set them apart on the shelf without incurring excessive costs. Everyone wins by making the flexographic printing process more environmentally sustainable.

At Asahi Photoproducts, we are working hard to continue to bring even more sustainable innovations to market, including both plate and processing technology, that we can again look back on a history of innovation and contributions to the market from our perch on a happier, healthier planet, driving print forward in balance with the environment.

