

SUN CHEMICAL

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Sun Chemical offers a full range of solutions for the narrow web, tag and label market, from inks and coatings to brand protection, pre-press services with high-definition digital plate technology, consumables, and a new water-based dispenser program which can lower ink spend by up to 25 percent.

INKS AND COATINGS MEET SPECIFIC NEEDS

Sun Chemical's Solaris System is a complete line of inks and coatings designed to meet all the printing needs of all narrow web and packaging printers. The full range includes products for virtually all narrow web applications from self-adhesive and in-mold labels to wrap arounds, shrink sleeves, tubes, and food and pharmaceutical packaging.

The global series of inks can be tailored to a printer's specific needs no matter what substrate is utilized including: films, foils, papers, pressure-sensitive papers, plastics, vinyl, top-coated polyethylene, polypropylene, and more. Special effect inks and sensory coatings within the Solaris range offer added benefits that enhance consumer brand appeal, such as interactive color shifting inks and SunScent coatings which engage the senses.

SHARPER IMAGES WITH HD FLEXO PLATES

Narrow web printers can take advantage of SunGraphics® high definition flexographic plate technology, with Esko HD software and CDI high resolution imaging. Converters that utilize the HD printing plates can print with an image quality of up to 4,000 pixels per inch, resulting in expanded tonal range and wider color gamut to produce sharper, more vibrant images and colors. Printers will also see how new Flat-Top Dot technology prints with 30-60 percent less impression sensitivity compared to the standard digital plates, allowing for longer, cleaner, more consistent runs from beginning to end.

DISPENSER PROGRAM BOOSTS PROFITABILITY/EFFICIENCY

Water-based flexo printers in the narrow web tag and label market can decrease their overall bottom-line operating expenses in ink volume and costs by up to 25 percent with the new Water-Based Flexo Dispenser Program from Sun Chemical. The water-based flexo dispenser is unique in that it can make process, blending bases and spot colors all from the same machine. This allows printers to mix exactly the amount of water-based



flexo inks that they need, improve turnaround time, maintain color consistency and reduce total operating costs.

NWTL printers that participate in the program will receive a dispensing unit along with color repeatability and accuracy with 0.5 gram accuracy of all process, spot and blending base colors. The dispensing unit is provided to the printer at no cost through a minimum annual purchase of Sun Chemical products.

CONSUMABLES IMPROVE PRESSROOM OPERATIONS

Designed to help customers improve pressroom operations, Sun Chemical offers a comprehensive range of consumables solutions from blankets to washes. Sun Chemical has the pressroom consumables needed to help streamline a printer's operations.

ANTI-COUNTERFEITING SOLUTIONS

Sun Chemical offers a variety of brand protection solutions, including an infrared coding solution called Verigard™, a security system that adds a small quantity of taggants or chemical markers, to inks, varnishes or coatings for use in any print process on any substrate. Sun Chemical offers a variety of covert, overt and semi-overt options for brand protection, including hidden logos or words and a variety of color changing inks.