

Quint Company engineers and manufactures flexographic printing plates. A pioneer in the use of bar coding on pharmaceutical packaging, we are a leading provider of flexographic plates to pharmaceutical companies and the packaging suppliers that serve them. In addition, we offer cross-industry design and platemaking services—enabling a wide range of organizations to benefit from our precision focus on quality and accuracy. Founded in 1849 and headquartered in Philadelphia, Quint Company also offers a suite of industrial inks, stamps and other marking supplies.



QUINT COMPANY DIGITAL PLATE DIVISION

DuPont Cyrel Digital Photopolymer Plates
The Trusted Source for High Quality Flexographic Plates

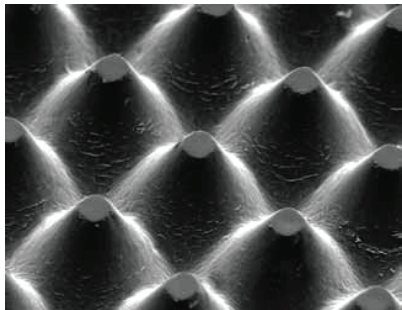
FOR MORE INFORMATION about the Quint Company Digital Plate Division,
contact us at (215) 533.1988 or plates@quintco.com.



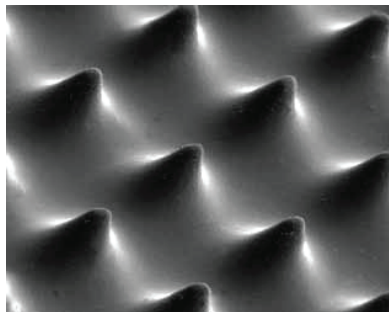
DIGITAL PHOTOPOLYMER PRINTING PLATES - DOTS

Digital plate print variables are more finely tuned than those of a conventional analog plate solution. The unique dot structure that gives photopolymer plates their increased tonal range behaves differently on press, and thus must be treated differently

Analog Dot



Digital Dot



EXCELLENT PRINT QUALITY

High resolution imaging on the CDI creates a textured surface on the plate, improving ink lay-down and increasing ink density on the final print. The result is improved image richness and contrast. This is especially helpful for PAN-TONE® colors, and for white underprints.

REPEATABLE QUALITY

The superior plate quality from a CDI with HD Flexo is exactly what a printer needs to achieve outstanding results: fine highlights, excellent details and superb coverage in the shadows. The CDI delivers it the first time, and every time. HD Flexo plates have been proven to print more consistently than conventional in long print runs. You’re able to deliver repeatable quality, job after job.

ENVIRONMENTALLY SUSTAINABLE

The CDI images straight on the plate, and eliminates the need for film and chemical processing. Together with spot color to process conversion, less ink and less substrate wastage that further reduces print’s environmental footprint.

“The benefits of digital plate production include quality, process control and automation...”

— Andrew Hewitson, Co-managing director, Reproflex 3 Ltd.



CONTINUOUS IMPROVEMENT

Flexo technology continues to advance. As a leader in flexo innovation, we continue to rethink all steps of the flexo process: can we make it better? Can we make it faster? Can we make it cost effective?

FLEXIBLE RESOLUTIONS AND SPEED

Our CDI is equipped with Fiber lasers and dedicated optics that guarantee superior and reliable imaging. This device features fully variable imaging resolutions between 2000 and 2540 ppi, respectively 2400 and 4000ppi via the HighRes Optics. It deliver a significantly extended tonal range with smooth vignettes, exceptional highlights and shadows.

HD FLEXO: THE NEW STANDARD FOR FLEXO QUALITY

HD Flexo is a combination of high-resolution optics of 4,000 pixels per inch (ppi) with unique finely tuned screens specifically designed for higher imaging resolutions on flexo plates. The result is a digital flexo plate for superb printing quality and stability. Benefits at a glance:

- An astounding tonal range with extended color gamut and improved solid densities
- Smooth vignettes - print to zero
- Reduction of correction and retouching of CT images
- Simplified conversion of printing processes

“In minutes, the digital system had solved a big (printing) problem that we had struggled long and hard with.”

— Thomas Dahbura, Principle, Hub Labels Inc.

Pressroom Benefits with Digital

- Faster Register
- Up to Color Quicker
- Quicker Match to Proof
- Better Results with Combination Plates
- Start to Finish Consistency
- Ease of Operation
- Competitive Advantage
- Improved Productivity
- Profitability