

# DuPont™ Cyrel® DPI

The **Highest Durometer** Digital Plate



## It's a Digital World

Cyrel® Digital Plates have taken flexography to a new level in terms of both tonal gradation and resolution of detail. These improvements have made the flexographic printer competitive with offset and gravure when it comes to quality.

DPI is DuPont's highest durometer, solvent washout digital plate for those printers requiring the sharpest rendition of detail when printing on board, paper and label stocks and is recommended for use with higher viscosity inks. Based on the highly successful

HOS family of plates, DPI continues the tradition of highest quality while bringing the productive and economic benefits inherent in a fully digital platemaking workflow.

At DuPont, we believe the future of packaging lies with flexo, and future of flexo is digital. With the broadest range of digital and conventional technology platforms to choose from, we will work with you as a technological teammate committed to advancing the state of your art.

### Plate Characteristics

Thickness	.045 .067
Durometer	73 on processed .067 DPI (63 Shore A)
Thickness Uniformity	± .0005 within a plate ± .001 from plate to plate
Image Reproduction	
• Halftone Resolution	<1 to 98% dot at 150 LPI
• Line Resolution	.003 in. width
• Isolated Dot	.005 in. diameter
• Relief Depth	.015-.025 in. recommended
Ink Compatibility	Broad range of solvent and aqueous inks
Storage and Handling	Store flat between 40-90°F, relative humidity <70%, minimum shelf life of 1 year.
CTP Imaging	DuPont standard Laser Ablation Mask (LAMs) is in use on DFM. CTP imager calibration is identical to all other DuPont Digital Cyrel® products.
Exposure and Processing	Follow standard Cyrel® practices as outlined in <i>Cyrel® Process of Use Manual</i> to determine correct main and back exposure times.

### Features

Based on HOS Polymer
DuPont LAMs layer
High Resolution
Reduced Dot Gain
Robust
New Polyester Base

### Benefits

Digital, uncapped version of established Cyrel® polymer ensures plate processing consistency
Consistent laser imaging batch to batch
Outstanding detail and minimum dot size
Fine highlights and open shadows with extended tonal range. Very low dot gain!
Long run length
Clear base, allows optimized back exposure times