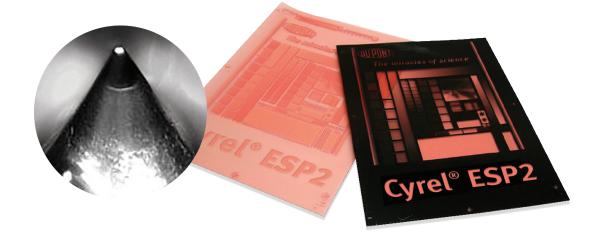# DuPont™ Cyrel® ESP2

Engineered surface digital solvent plate with a built-in flat top dot

Applications

- Flexible packaging
- Tag and Label

DuPont™ Cyrel® ESP2 has a built-in flat top dot and an engineered surface for higher solid ink density without the need for software micro-screening and is specifically designed for flexible packaging applications.

Better solids and better highlights

Cyrel® ESP2 plates have been designed for printing on smooth surfaces and film substrates. ESP2 plates feature a high durometer, allowing for better solids and better highlights without a compromise.

Engineered surface

Cyrel® ESP2 plates have an engineered (micro-textured) surface that provides higher solid ink density and lower graininess on film substrates. No micro-screening is needed, permitting higher Cyrel® Digital Imager (CDI) productivity.

Robust UV stability

Cyrel® ESP2 has been reformulated to provide good UV stability. But like any photopolymer plate, handling should be done under UV-free light.

EASY: Built-in flat top dot

Cyrel® ESP2 plates have a built-in flat top dot (EASY), simplifying the exposure process and eliminating the need for nitrogen. ESP plates are processed within a solvent workflow.

Excellent ink transfer

Cyrel® ESP2 plates have been formulated to provide a more consistent and stable print surface. The flat top dot shape and the micro-textured engineered surface provide excellent ink laydown with solids and low graininess.

Wide ink compatibility

Cyrel® ESP2 offers excellent compatibility with solvent-based inks.

DuPont™ Cyrel® EASY ESP2

Engineered surface digital solvent plate with a built-in flat top dot

Sizes Available	Thickness	Durometer	Image Reproduction	Min. Positive Line Width	Min. Isolated Dot Size	Relief Depth
Cyrel® EASY ESP2 45	0.045" (1.14 mm)	76-78 Sh A	1-98% @ 190 lpi (75 l/cm)	0.10 mm (4 mil)	150 micron (0.15 mm)	0.60 mm
Cyrel® EASY ESP2 67	0.067" (1.70 mm)	70-72 Sh A	1-98% @ 190 lpi (75 l/cm)	0.10 mm (4 mil)	150 micron (0.15 mm)	0.70 mm

DuPont Advanced Printing brings together leading technologies and products for the printing and package printing industries. DuPont™ Cyrel® is one of the world's leading flexographic platemaking systems in digital and conventional formats, including DuPont™ Cyrel® brand photopolymer plates (analog and digital), Cyrel® platemaking equipment, Cyrel® round sleeves, Cyrel® plate mounting systems and the revolutionary Cyrel® FAST thermal system.

For more information on DuPont™ Cyrel® or other DuPont products, please visit our website.

cyrel.com/na