

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.



cyrel.com/na

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

The information provided in this data sheet corresponds to our knowledge on the subject at the date of its publication. It may be subject to revision as new knowledge and experience becomes available. This information is not intended to substitute for any testing you may need to conduct to determine for yourself the suitability of our products for your particular purposes. Since we cannot anticipate all variations in end-use and disposal conditions, DuPont makes no warranties and assumes no liability in connection with any use of this information. It is intended for use by persons having technical skill, at their own discretion and risk. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent right. DuPont™, the DuPont Oval Logo, and Cyrel® are trademarks or registered trademarks of DuPont or its affiliates. Copyright © 2019 DuPont de Nemours Inc. All rights reserved.

PDS-NA0075-EN (02/20)