

# DuPont™ Cyrel® EASY EPC

The built-in flat top dot digital plate for the corrugated market

## Applications

- Corrugated post-print



DuPont™ Cyrel® EASY EPC is the built-in flat top dot soft digital plate developed especially for the corrugated market. Cyrel® EASY EPC is designed to achieve the highest quality image reproduction while minimizing the fluting effect when printing on a wide variety of corrugated boards.

## Product Features

- Built-in flat top dot minimizes the fluting effect when printing on a wide variety of corrugated boards
- Simplified workflow results in higher consistency
- Excellent ink transfer permits superior printing uniformity
- High exposure resolution that yields better quality reproduction
- Image relief is clean and sharp
- Exceptional exposure latitude
- Excellent thickness uniformity
- Less make ready time
- High resistance to ozone and white light results in excellent storage capability

## Printing Ink and Solvent Compatibility

Cyrel® EASY EPC offers excellent compatibility with water-based inks.

## Process of Use

Expose the plate through the back to establish the floor and maximize sensitivity. Back exposure varies according to relief required. Remove the protective coversheet and image the plate with a Cyrel® Digital Imager (CDI). Expose the front of the plate surface. Process the plate in a Cyrel® solvent processor to remove unexposed polymer. Finish the plate in a light finisher to eliminate surface tackiness.

## Storage – Raw Material

Store unexposed plates in a cool area (40–90°F, 4–32°C), away from direct sources of heat. Humidity control is not required. Cyrel® EASY EPC is foam interleaved to provide maximum protection of the plate after manufacture, and during transportation and storage. Plates should be stacked flat. Plates should not be exposed to direct sunlight or excessive white light. Continuous exposure to very high ozone concentrations should be avoided.

## Handling – Raw Material

DuPont™ Cyrel® EASY EPC plates should be handled under UV free light; e.g. fluorescent tubes covered with sleeve filters.

## Storage – Finished Plates

After printing, plates should be thoroughly cleaned with a compatible cleaner before storing. They may be stored on cylinders, sleeves or demounted and stored flat.

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Sizes Available	Thickness	Durometer	Image Reproduction	Min. Positive Line Width	Min. Isolated Dot Size	Relief Depth
Cyrel® EASY EPC 112	0.112" (2.84 mm)	37 Sh A	1-98% @ 120 lpi (48 L/cm)	0.125 mm (5 mil)	250 µm	0.039 – 0.049" (1.0 – 1.25 mm)
Cyrel® EASY EPC 125	0.125" (3.18 mm)	37 Sh A	1-98% @ 120 lpi (48 L/cm)	0.125 mm (5 mil)	250 µm	0.039 – 0.059" (1.00 – 1.50 mm)
Cyrel® EASY EPC 155	0.155" (3.94 mm)	36 Sh A	1-98% @ 110 lpi (42 L/cm)	0.300 mm (12 mil)	500 µm	0.059 – 0.079" (1.50 – 2.00 mm)
Cyrel® EASY EPC 185	0.185" (4.70 mm)	35 Sh A	1-98% @ 110 lpi (42 L/cm)	0.300 mm (12 mil)	500 µm	0.059 – 0.098" (1.50 – 2.50 mm)
Cyrel® EASY EPC 250	0.250" (6.35 mm)	34 Sh A	2-95% @ 85 lpi (34 L/cm)	0.300 mm (12 mil)	500 µm	0.098 – 0.118" (2.50 – 3.00 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.



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