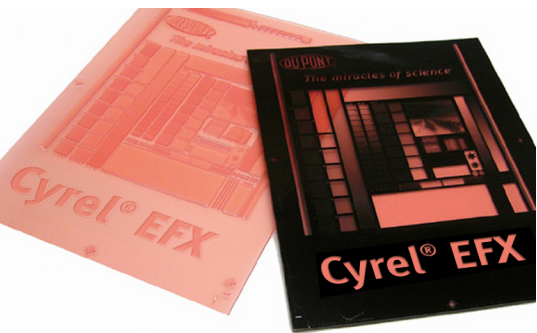
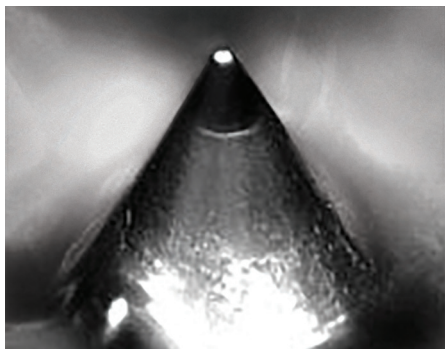


DuPont™ Cyrel® FAST EASY EFX

Built in flat top dot, high ink transfer digital plate



DuPont™ Cyrel® FAST EASY EFX



Cyrel® EASY with Built-In Flat Top Dot

[DuPont Packaging Graphics](#) continues to be a global technology leader in the development and supply of flexographic printing systems. Our R&D team continues to develop innovative new solutions to help our customers expand their business by taking advantage of new and profitable opportunities in the growing flexographic packaging market. The DuPont Packaging Graphics portfolio of products includes 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](#).

DuPont™ Cyrel® Systems: Higher quality at high speed.

DuPont™ Cyrel® FAST EASY EFX is the built-in flat top dot, thermal processed plate designed for the highest quality printing of halftones, linework and solids. Cyrel® FAST EASY EFX has a smooth surface which is ideally suited for the micro-screening of solids, exceptionally high solid ink density transfer and low dot gain.

DuPont™ Cyrel® FAST EASY EFX

Applications

- Flexible packaging
- Tag and Label
- Envelopes
- Carrier bags
- Folding cartons
- Pre-print liner
- Beverage cartons

Product Features

- A plate that is based on a completely new polymer that delivers higher ink transfer and resolution making thermally processed Cyrel® FAST EASY EFX the flexible packaging industry benchmark.
- Ideally suited for extended gamut printing.
- The flat top dot shape compresses less, providing a more consistent and stable print surface.
- Higher latitude and better uniformity reduces press make ready time.
- The smaller shape flat top dot allows higher resolution and a very wide tonal range for crisper sharper printing results.
- The Cyrel® FAST EASY EFX's smooth surface is perfect for special print effects based upon micro-screening.
- Plates can be processed in less than an hour, with no drying step needed.

Printing Ink and Solvent Compatibility

Cyrel® FAST EASY EFX offers excellent compatibility with solvent based, water-based inks, and UV inks.

Platemaking

The Cyrel® FAST thermal developer allows the production of Cyrel® FAST finished plates in less than one hour, making it the ideal just-in-time platemaking system for a market that demands quick turnaround at the highest possible quality. The Cyrel® FAST thermal developer delivers outstanding plate quality and uniformity. This processor has the ability to produce a finished plate without solvent washout. The Cyrel® EC/LF for exposing and light finishing plates is available to complement the Cyrel® FAST thermal developer.

Process of Use

DuPont™ Cyrel® FAST EASY EFX is designed to work with Cyrel® FAST thermal platemaking. Expose the plate through the back to establish the floor and minimize sensitivity. Back exposure varies according to relief required. Remove the protective coversheet, and image the plate with the Cyrel® Digital Imager (CDI). Expose the front of the plate surface. Process the plate in the Cyrel® FAST thermal developer. Finish the plate in a light finisher to eliminate surface tackiness. Post-expose the plate to ensure complete polymerization.



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Mounting

Microdot mounting devices are recommended for mounting Cyrel® EASY plates. The double sided adhesive should first be applied to the cylinder or sleeve—not the plate—to ensure easier and precise laydown. The polyester base will maintain accurate register even with large plates.

Storage – Raw Material

Store unexposed plates in a cool area (4–32°C, 40–90°F), away from direct sources of heat. Humidity control is not required. Cyrel® FAST EASY EFX 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

Like all photopolymer plates, Cyrel® FAST EASY EFX plates should be handled under UV free light; e.g., fluorescent tubes covered with amber sleeves.

Storage – Finished Plates

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

Technical Data					
	Cyrel® FAST EASY EFX 45 Thickness 0.045 inch/1.14 mm	Cyrel® FAST EASY EFX 67 Thickness 0.067 inch/1.70 mm	Cyrel® FAST EASY EFX 100 Thickness 0.10 inch/2.54 mm	Cyrel® FAST EASY EFX 107 Thickness 0.107 inch/2.72 mm	Cyrel® FAST EASY EFX 112 Thickness 0.112 inch/2.84 mm
Durometer	74-76 Sh A	65-67 Sh A	58-60 Sh A	58-60 Sh A	53-55 Sh A
Image Reproduction	1-98% 190 lpi 75 l/cm	1-98% 190 lpi 75 l/cm	1-98% 190 lpi 75 l/cm	1-98% 150 lpi 60 l/cm	1-98% 150 lpi 60 l/cm
Minimum Positive Line Width	0.10 mm (4 mil)	0.10 mm (4 mil)	0.10 mm (4 mil)	0.10 mm (4 mil)	0.20 mm (8 mil)
Minimum Isolated Dot Size	150 micron (0.15 mm)	150 micron (0.15 mm)	150 micron (0.15 mm)	150 micron (0.15 mm)	200 micron (0.20 mm)
Relief Depth	Max. 0.55 mm	Max. 0.65 mm	Max. 0.80 mm	Max. 0.80mm	Max. 0.85mm

For more information on DuPont™ Cyrel® or other DuPont Packaging Graphics products, please contact your local representative:

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