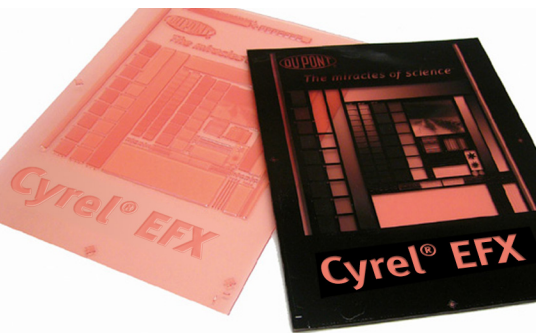
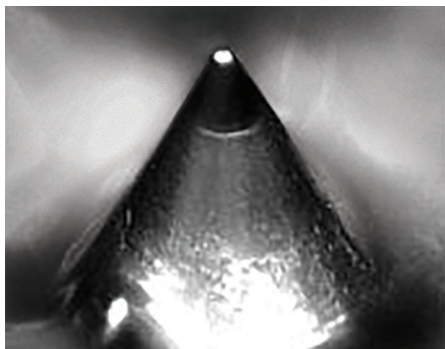


DuPont™ Cyrel® EASY FAST EFX

Built in flat top dot, high ink transfer digital plate



DuPont™ Cyrel® EASY FAST EFX



Cyrel® EASY with Built-In Flat Top Dot

[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 ([analogue 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® EASY FAST EFX is the built-in flat top dot, thermal processed plate designed for the highest quality printing of halftones, linework and solids. Cyrel® EASY FAST 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® EASY FAST EFX

Applications

- Flexible packaging
- Tag and Label
- Envelopes
- Carrier bags
- Folding cartons
- Pre-print liner
- Beverage cartons
- The Cyrel® EASY FAST 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.

Product Features

- A plate that is based on a completely new polymer that delivers higher ink transfer and resolution making thermally processed Cyrel® EASY FAST 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.

Printing Ink and Solvent Compatibility

Cyrel® EASY FAST 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® ECLF for exposing and light finishing plates is available to complement the Cyrel® FAST thermal developer.

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Process of Use

DuPont™ Cyrel® EASY FAST EFX is designed to work with Cyrel® FAST thermal platemaking. Expose the plate through the back to establish the floor and minimise 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 polymerisation.

Mounting

Cyrel® Microflex 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® EASY FAST 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® EASY FAST 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® EASY FAST EFX 45 Thickness 1.14 mm/0.045 inch	Cyrel® EASY FAST EFX 67 Thickness 1.70 mm/0.067 inch	Cyrel® EASY FAST EFX 100 Thickness 2.54 mm/0.10 inch	Cyrel® EASY FAST EFX 107 Thickness 2.72 mm/0.107 inch	Cyrel® EASY FAST EFX 112 Thickness 2.84 mm/0.112 inch
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	0.15 mm (150 micron)	0.15 mm (150 micron)	0.15 mm (150 micron)	0.15 mm (150 micron)	0.20 mm (200 micron)
Max. Relief Depth	0.55 mm	0.65 mm	0.80 mm	0.80 mm	0.85 mm

www.cyrel.eu

For more information on DuPont™ Cyrel® or other DuPont Advanced Printing products, please contact your local representative.

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