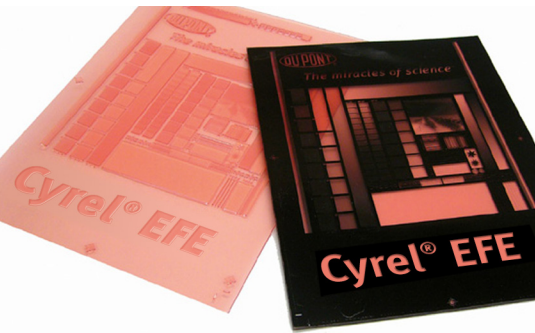


DuPont™ Cyrel® EASY FAST EFE

Built in flat top dot digital plate with an engineered surface

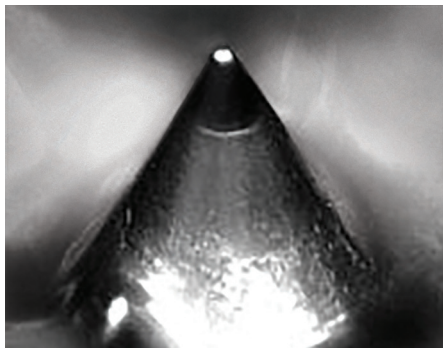


[DuPont Advanced Printing](#) brings together leading technologies and products for the printing and package printing industries. DuPont™ Cyrel® is one of the world's leading flexographic platemaking systems in digital and conventional formats, including [DuPont™ Cyrel®](#) brand photopolymer plates ([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 EFE is the built-in flat top dot, thermal processed plate designed for the highest quality printing of halftones, linework and solids. Cyrel® EASY FAST EFE has an engineered surface for higher solid ink density without micro-screening.

DuPont™ Cyrel® EASY FAST EFE



Cyrel® EASY with Built-In Flat Top Dot

DuPont™ Cyrel® EASY FAST EFE

Applications

- Flexible packaging
- Tag and Label

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 EFE 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® EASY FAST EFE's standardised, engineered surface allows higher solid ink density and lower graininess.

- No micro-screening needed, allowing for higher Cyrel® Digital Imager (CDI) productivity.
- Plates can be processed in less than an hour, with no drying step needed.
- Recommended for printing on smooth surfaces and film substrates.

Printing Ink and Solvent Compatibility

Cyrel® EASY FAST EFE plates offer excellent compatibility with solvent-based, water-based, 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.



DuPont™ Cyrel® EASY FAST EFE

Built in flat top dot digital plate with an engineered surface

Process of Use

DuPont™ Cyrel® EASY FAST EFE 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 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

Microdot mounting devices are recommended for mounting Cyrel® EASY FAST EFE 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 EFE 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 EFE 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 EFE 45 Thickness 1.14 mm/0.045 inch	Cyrel® EASY FAST EFE 67 Thickness 1.70 mm/0.067 inch	Cyrel® EASY FAST EFE 100 Thickness 2.54 mm/0.10 inch	Cyrel® EASY FAST EFE 107 Thickness 2.72 mm/0.107 inch	Cyrel® EASY FAST EFE 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.com/ap

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

DuPont China Holding Co., LTD – Shanghai
Tel: (86) 21 3862 2888

E.I. DuPont India Private Limited
Tel: (91) 22 40716000

DuPont K.K. – Japan
Tel: (81) 3 5521 8520

DuPont Malaysia Sdn Bhd
Tel: (60) 2859 0700