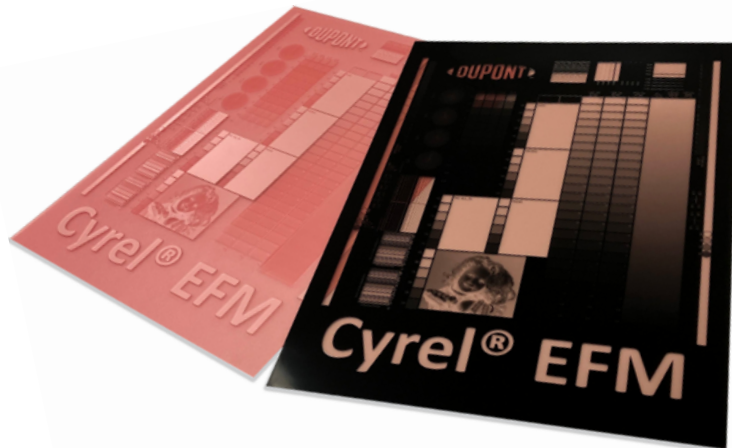


DuPont™ Cyrel® EASY FAST EFM Plate

Built-In Flat Top Dot, Medium Durometer, Digital Thermal Plate

Applications

- Envelope
- Folding Carton
- Tag and Label
- Beverage Carton
- Flexible Packaging
- Pre-print liner
- Carrier bags



DuPont™ Cyrel® EASY FAST EFM plate is the medium durometer, built-in flat top dot, thermally processed plate designed for paper substrate printing with excellent ink transfer capability on coated, uncoated, rough, and recycled paper, while maintaining good printing capability on films. Cyrel® EFM has a smooth surface which is ideally suited for the micro-screening of solids resulting in exceptionally high solid ink density transfer and low dot gain.

Product Features and Benefits

- Medium durometer built-in flat top dot plate
- Excellent ink transfer permits improved ink laydown in solids and reduced mottle appearance
- Wide substrate printing latitude to allow delivery of high-quality printing on a variety of paper substrates including rough, recycled, coated, and uncoated paper
- High exposure resolution that yields better quality reproduction
- Excellent thickness uniformity
- Less make ready time

Printing Ink and Solvent Compatibility

Cyrel® EFM offers excellent compatibility with solvent-based, water-based, and UV inks.

Process of Use

Expose the plate through the back to establish the floor and maximize sensitivity. Back exposure varies according to the 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 processor to remove unexposed polymer. Finish the plate in a light finisher to eliminate surface tackiness. Post-expose the plate to ensure complete polymerization.

During plate mounting, the double-sided adhesive tape 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.

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Storage & Handling – Raw Material

Store unexposed plates in a cool area (4-32 °C, 40-90 °F), away from direct sources of heat. Humidity control required between 30% and 75% relative humidity (RH). Cyrel® EASY FAST EFM is foam interleaved to provide maximum protection of the plate during transportation and storage. Plates should be stacked flat and protected from sunlight or non-filtered white light. Continuous exposure to very high ozone concentrations should be avoided.

Storage – Finished Plates

After printing, plates should be thoroughly cleaned with compatible cleaning solution before storing. They may be stored on cylinders, sleeves or demounted and stored flat. Finished plates should not be exposed to sunlight or non-filtered white light. Detailed guidelines for handling and storage are available through your sales representative.

Sizes Available	Thickness	Durometer	Image Reproduction	Min. Positive Line Width	Min. Isolated Dot	Relief Depth
Cyrel® EASY FAST EFM 45	1.14 mm (0.045")	71-73 Sh A*	1-98% @ 60 L/cm (150lpi)	0.10 mm (4 mil)	0.10 mm (100 micron)	0.45 - 0.55 mm (0.018 - 0.022")
Cyrel® EASY FAST EFM 67	1.70 mm (0.067")	58-60 Sh A*	1-98% @ 60 L/cm (150lpi)	0.10 mm (4 mil)	0.10 mm (100 micron)	0.50 - 0.60 mm (0.020 - 0.024")
Cyrel® EASY FAST EFM 100	2.54 mm (0.100")	48-50 Sh A*	1-98% @ 60 L/cm (150lpi)	0.10 mm (4 mil)	0.15 mm (150 micron)	0.72 - 0.90 mm (0.028 - 0.035")
Cyrel® EASY FAST EFM 112	2.84 mm (0.112")	46-48 Sh A*	1-98% @ 60 L/cm (150lpi)	0.10 mm (4 mil)	0.15 mm (150 micron)	0.72 - 0.90 mm (0.028 - 0.035")

*Durometer measurements may vary depending on the equipment being used.

DuPont Industrial Solutions 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](https://www.cyrel.com)

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

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