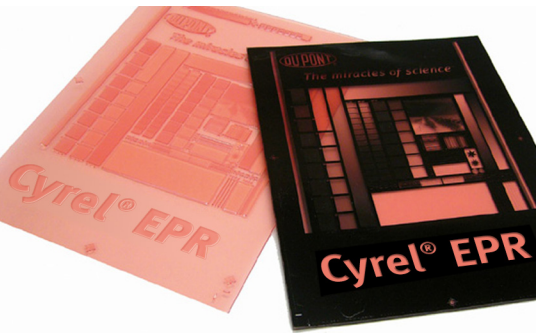


DuPont™ Cyrel® EASY EPR

Built-in flat top dot digital plate for high quality printing



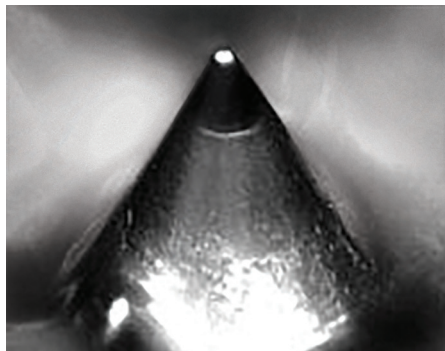
DuPont™ Cyrel® EASY EPR

[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 EPR is the built-in flat top dot digital plate designed to perform with a wide array of substrates. Cyrel® EASY EPR has a smooth surface ideally suited for the micro-screening of solids.

DuPont™ Cyrel® EASY EPR



Cyrel® EASY with Built-In Flat Top Dot

Applications

- Flexible packaging
- Tag and Label
- Folding cartons
- Beverage cartons

Product Features and Benefits

- 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.
- Very high resolution and low dot gain.
- Screened high density solids and low graininess.
- The EASY EPR's smooth surface is perfect for special print effects based upon micro-screening, especially on film.
- Exceptional thickness uniformity means less press downtime.
- The simplified workflow reduces errors in the exposure/laminate step.

Printing Ink and Solvent Compatibility

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

Process of Use

Expose the plate through the back to establish the floor and maximise 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® solvent processor to remove unexposed polymer. Finish the plate in a light finisher to eliminate surface tackiness.

Mounting

Cyrel® Microflex mounting devices are recommended for mounting Cyrel® EASY EPR 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.

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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 EPR 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 EPR 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 EPR 45 Thickness 0.045 inch/1.14 mm | Cyrel® EASY EPR 67 Thickness 0.067 inch/1.70 mm |
|-----------------------------|--|--|
| Durometer | 78-80 Sh A | 72-74 Sh A |
| Image Reproduction | 1-98% 190 lpi 75 l/cm | 1-98% 190 lpi 75 l/cm |
| Minimum Positive Line Width | 0.10 mm (4 mil) | 0.10 mm (4 mil) |
| Minimum Isolated Dot Size | 150 micron (0.15 mm) | 150 micron (0.15 mm) |
| Relief Depth | 0.60 mm | 0.70 mm |

For more information on DuPont™ Cyrel® or other DuPont Packaging Graphics products, please contact your local representative. Some contact information may have changed, for the most current information [CLICK HERE](#).

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