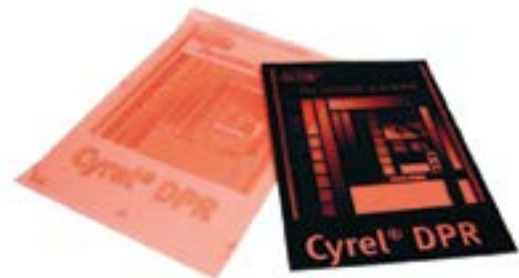


# DuPont™ Cyrel® DPR

## Robust Digital Plate for High Quality Printing



DuPont™ Cyrel® DPR

[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® Plates: Higher quality at high speed

**Cyrel® DPR is the digital plate of choice for high quality printing across a broad range of packaging segments. DPR has been designed to perform with a wide array of substrates**

### DuPont™ Cyrel® DPR

#### Applications

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

#### Product Features

- Outstanding run length
- Excellent tonal range
- Sharp type and open reverses
- Low dot gain
- High exposure resolution results in better quality reproduction on press
- Image relief is clean and sharp
- High resistance to ozone and white light results in excellent storage capability

#### Printing Ink and Solvent Compatibility

Cyrel® DPR offers excellent compatibility with solvent-based and water-based inks, and limited compatibility with select UV inks.

#### Process of use

Expose the plate through the back to establish the floor and maximize 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.



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### Mounting

Cyrel® Microflex mounting devices are recommended for mounting Cyrel® DPR 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® DPR 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

Cyrel® DPR 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.

[www.cyrel.com/na](http://www.cyrel.com/na)

Technical Data		
	Cyrel® DPR 45 Thickness 0.045 inch/1.14 mm	Cyrel® DPR 67 Thickness 0.067 inch/1.70 mm
Durometer	76 Sh A	69 Sh A
Image Reproduction	1–98% 60 L/cm	1–98% 60 L/cm
Minimum positive line width	2 mil–0.05 mm	2 mil–0.05 mm
Minimum isolated dot size	200 µm	200 µm
Relief Depth	0.016–0.024 inch 0.4–0.6 mm	0.016–0.024 inch 0.4–0.6 mm

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

#### United States

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