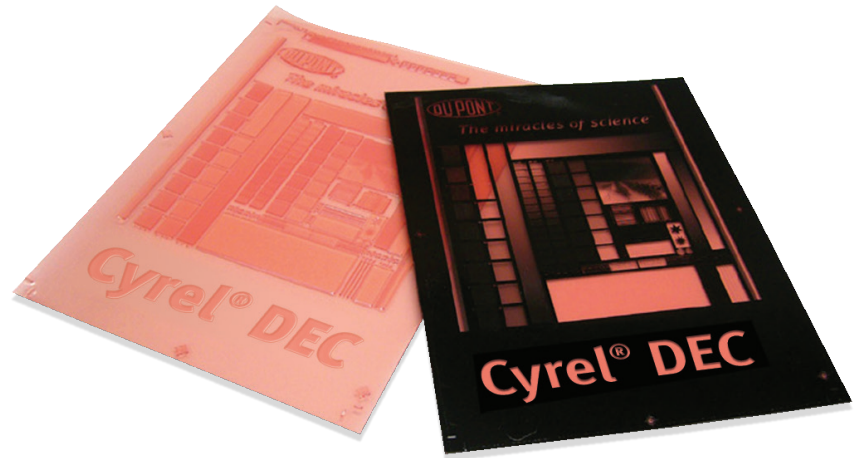


# DuPont™ Cyrel® DEC

The Robust All-Purpose Plate for the Corrugated Market

## Applications

- Corrugated post-print
- Sacks
- Rough paper surfaces



DuPont™ Cyrel® DEC is a soft digital plate for corrugated board applications withstanding even demanding requirements.

## Product Features and Benefits

- Excellent ink transfer permits superior printing uniformity
- High exposure resolution results in better quality reproduction
- Image relief is clean and sharp
- Exceptional exposure latitude allows single exposure without masking
- Exceptional thickness uniformity
- Less make ready time
- High resistance to ozone and white light results in excellent storage capability

## Printing Ink and Solvent Compatibility

Cyrel® DEC offers excellent compatibility with water-based 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 a Cyrel® Digital Imager (CDI). Expose the front of the plate surface. Process the plate in a Cyrel® solvent processor to remove unexposed polymer. Finish the plate in a light finisher to eliminate surface tackiness.

## Mounting

Cyrel® DEC is perfectly fit to be mounted either on a polyester mounting film or in combination with a compressible foam, especially Cyrel® CyCOMP.

## Handling – Raw Material

Cyrel® DEC 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 a compatible solvent before storing. They may be stored on cylinders, sleeves or demounted and stored flat.

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## Technical Data

	Thickness	Durometer	Image Reproduction	Min. Positive Line Width	Min. Isolated Dot Size	Relief Depth
<b>Cyrel® DEC 112</b>	2.84 mm / 0.112"	38 Sh A	3-95% / 42 L/cm	7 mil / 0.175 mm	500 µm	1.00-1.20 mm / 0.039-0.047"
<b>Cyrel® DEC 125</b>	3.18 mm / 0.125"	37 Sh A	3-95% / 42 L/cm	7 mil / 0.175 mm	500 µm	1.00-1.20 mm / 0.039-0.047"
<b>Cyrel® DEC 155</b>	3.94 mm / 0.155"	36 Sh A	3-95% / 36 L/cm	12 mil / 0.300 mm	500 µm	1.50-2.00 mm / 0.059-0.079"
<b>Cyrel® DEC 170</b>	4.32 mm / 0.170"	36 Sh A	3-95% / 28 L/cm	12 mil / 0.300 mm	500 µm	1.50-2.00 mm / 0.059-0.079"
<b>Cyrel® DEC 185</b>	4.70 mm / 0.185"	36 Sh A	3-95% / 28 L/cm	14 mil / 0.350 mm	500 µm	1.50-2.00 mm / 0.059-0.079"
<b>Cyrel® DEC 197</b>	5.00 mm / 0.197"	36 Sh A	3-95% / 28 L/cm	14 mil / 0.350 mm	500 µm	Max 2.50 mm / 0.098"
<b>Cyrel® DEC 217</b>	5.51 mm / 0.217"	36 Sh A	3-95% / 28 L/cm	14 mil / 0.350 mm	500 µm	Max 2.50 mm / 0.098"
<b>Cyrel® DEC 237</b>	6.02 mm / 0.237"	36 Sh A	3-95% / 28 L/cm	14 mil / 0.350 mm	500 µm	Max 2.50 mm / 0.098"
<b>Cyrel® DEC 250</b>	6.35 mm / 0.250"	36 Sh A	3-95% / 28 L/cm	14 mil / 0.350 mm	500 µm	Max 2.50 mm / 0.098"

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.



[cyrel.eu](http://cyrel.eu)

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

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