



# DuPont™ Cyrel® Branded DHC

## Corrugated Market Branded Digital Plate



DuPont™ Cyrel® Branding on DHC Plate

[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 ([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.

**The DuPont™ Cyrel® Logo is embedded into the plate to reduce counterfeiting. To make sure you are using genuine DuPont™ Cyrel® DHC plates, simply look for the DuPont™ Cyrel® Logo.**

**DuPont™ Cyrel® DHC is a high durometer digital plate with wide press latitude for the corrugated board industry, specially designed for Asia Pacific region. Cyrel® DHC is perfect for line work, fine text and barcodes on corrugated and paper substrates printed with water-based inks. Cyrel® DHC enables efficiency and productivity compared with analogue workflow.**

### DuPont™ Cyrel® Branded DHC

#### Applications

- Corrugated board–Post Print
- Paper–Pre Print

#### Product Features

- High plate making and press latitude–success under many conditions
- Suitable for exposure units with lower UV output, common in Asia Pacific
- With higher durometer, excellent for line work and text on Asian characters

#### Printing Ink and Solvent Compatibility

- Suitable 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 the 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.



Play Video



Download latest version

# DuPont™ Cyrel® Branded DHC

## Corrugated Market Branded Digital Plate

### Mounting

DuPont™ Cyrel® Microflex mounting devices are recommended for mounting DuPont™ Cyrel® DHC 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), away from direct sources of heat. Cyrel® DHC 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® DHC plates should be handled under UV free light.

### 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.

Technical Data	
	Cyrel® DHC 155 Thickness—3.94 mm
<b>Durometer</b>	45 Sh A°
<b>Image Reproduction</b>	Solid/Line/Text
<b>Minimum Positive Line Width</b>	0.35 mm
<b>Minimum Isolated Dot Size</b>	250 µm
<b>Relief Depth</b>	1.8–2.0 mm

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

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

DuPont China Holding Co., LTD  
Bldg 11, 399 Keyuan Road  
Zhangjiang, Hi-Tech Park  
Pudong New District  
Shanghai 201203 China  
Tel: (86) 21 3862 2888

DuPont Malaysia SDN BHD  
1st Floor, Bangunan Samundra  
No. 1, Jalan Kontraktor  
U1/14 Seksyen U1  
Hicom-Glenmarie, Industrial Park  
40150 Shah Alam, Selangor Darul Ehsan  
Malaysia  
Tel: (60) 3 5569 3006

DuPont K.K. - Japan  
Sanno Park Tower  
11-1, Nagata-cho 2-chrome  
Chiyoda-ku, Tokyo 100-6111, Japan  
Tel: (81) 3 5521 8520

DuPont Australia, LTD  
Level 1, 600 Victoria St.  
Richmond, Victoria 3121, Australia  
Tel: (61) 3 9935 5699

E.I. DuPont India Private Limited  
1001-10012, 'Meadows', 10th Floor  
Sahar-Plaza Complex, Andheri-Kurla Road  
Andheri (East), Mumbai 400 059  
Tel: (91) 22 6751 5000