



DuPont™ Cyrel® Branded HDC

Corrugated Market Branded Plate



DuPont™ Cyrel® Branding on HDC 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. Please simply check DuPont™ Cyrel® Logo on raw and processed plate to make sure you are using genuine Cyrel® plates.

Cyrel® Branded HDC is a high durometer analogue plate with wide press latitude for the corrugated board industry, specially designed for the lower UV exposure output common in Asia Pacific. Branded HDC is perfect for line work, fine text and barcodes on corrugated and paper substrates printed with water-based inks.

Applications

- Corrugated board
- Paper

Product Features

- High plate making and press latitude—success under many conditions
- Suitable for exposure units with lower UV output, common in Asia Pacific
- Higher durometer, excellent for line work and fine Asia Pacific text and letters

Printing Ink and Solvent Compatibility

- Appropriate for 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 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

DuPont™ Cyrel® Microflex mounting devices are recommended for mounting Cyrel® HDC 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), away from direct sources of heat. Cyrel® HDC 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® HDC 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

General	Details
Plate Size	1067 mm x 1524 mm / 42" x 60" 1320 mm x 2032 mm / 52" x 80"
Durometer	45 Sh A
Image Reproduction	Solid Liner Text
Minimum Positive Line Width	0.35 mm
Minimum Isolated Dot Size	500 µm
Relief Depth	1.8–2.0 mm

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

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

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

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

www.cyrel.com/ap

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