

DuPont™ Cyrel® Varnishing Plates

CYREL® VSA, VTA, VSD AND VTD

Preliminary Technical Data Sheet

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.

The DuPont™ Cyrel® varnishing plates are ideal for varnishing and special effect ink and coatings applications are available for all relevant imaging (analogue/digital) and processing (solvent/thermal) systems.

Applications

These photopolymer plates offer high quality print finishing on folding carton, such as food packaging, cigarettes, cosmetics, etc. They are also used in commercial printing for spot coating of catalogues, calendars, and brochures.

Cyrel® coating plates can be used for inline and offline coating of:

- Aqueous coating
- UV-Lacquer
- Metallic ink
- Iriodin® pigmented ink

Cyrel® varnishing plates are available for all common processing technologies:

- analogue imaging & solvent processing
- analogue imaging & thermal processing
- digital imaging & solvent processing
- digital imaging & thermal processing

Product Features

- Excellent coating and ink transfer permits superior coating
- High resolution and exact register results in fine detail and complex forms can be spot coated and printed in the coating tower
- High durability for long print runs
- Image relief is clean and sharp
- Can be used again and again without any loss of registration

Printing Ink and Solvent Compatibility

Cyrel® coating plates offer excellent compatibility with UV-lacquers and water-based inks. The enforced polyester base will maintain accurate registration even with large plates.

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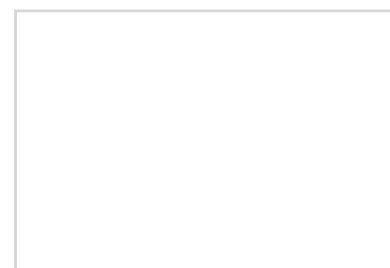
Please refer to the DuPont™ Cyrel® processing handbook for additional information.

Technical Data				
	Cyrel® VSA	Cyrel® VTA	Cyrel® VSD	Cyrel® VTD
Durometer	73 Sh A	73 Sh A	76 Sh A	75 Sh A
Image Reproduction	2–95% @ 48 L/cm	2–95% @ 48 L/cm	1–98% @ 60 L/cm	1–98% @ 60 L/cm
Minimum Positive Line Width	0.25 mm	0.25 mm	0.05 mm	0.05 mm
Minimum Isolated Dot Size	250 µm	250 µm	200 µm	200 µm
Relief Depth	0.4–0.5 mm	0.4–0.5 mm	0.4–0.5 mm	0.4–0.5 mm
Large Format	50 x 65 (127 x 165 cm)	42 x 60 (106 x 152 cm)	50 x 65 (127 x 165 cm)	42 x 60 (106 x 152 cm)
Medium Format	35 x 47.25 (90 x 120 cm)	35 x 47.25 (90 x 120 cm)	35 x 47.25 (90 x 120 cm)	35 x 47.25 (90 x 120 cm)
Processing	solvent/analogue	thermal/analogue	solvent/digital	thermal/digital

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

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