

# DuPont™ Cyrel® VSA

## Solvent Process Analogue Plate for Varnishing



DuPont™ Cyrel® VSA

[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](#).

DuPont™ Cyrel® Systems: Higher quality at high speed.

**The DuPont™ Cyrel® VSA plates are ideal for varnishing and special effect ink and coatings applications.**

### DuPont™ Cyrel® VSA

#### Applications

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

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

- Aqueous coating
- UV-Lacquer
- Metallic ink

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

#### 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. Process the plate in the Cyrel® plate processor. Finish the plate in a light finisher to eliminate surface tackiness. Post-expose the plate to ensure complete polymerisation.

#### 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® VSA 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.

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### Handling – Raw Material

Like all photopolymer plates, Cyrel® VSA 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.

Technical Data	
	<b>Cyrel® VSA Thickness 1,14 mm/0,045 inch</b>
Durometer	73 Sh A
Image Reproduction	2–95% / 48 L/cm
Minimum Positive Line Width	0,25 mm
Minimum Isolated Dot Size	250 µm
Relief Depth	0,4–0,5 mm / 0,016–0,020 inch
Processing	Solvent / Analogue

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

For more information on DuPont™ Cyrel® or other DuPont Advanced Printing products, please contact your local representative.

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