



Permastar PV Screen Inks for Paper & Board

Permastar PV is a fast drying trichromatic paper and board ink designed for production of posters and displays.

Poster Pastes

Certain adhesives and poster pastes can adversely affect the printed ink film. Customers are recommended to ensure that those used are compatible with the inks.

Standard Colours

Permastar PV to DIN 16538/9.

PV052	Yellow
PV135	Magenta
PV215	Cyan
PV004	Black
PV396	Extender Base

Available in 5 ltr and 20 ltr containers.

Solvents

ZC521	Thinner
ZC640	Tursub 245
ZC529	Retarder

Available in 25, 5 and 1 ltr containers.

Trichromatic Concentrates TZ

Trichromatic Concentrates TZ have been specially designed for use in Permastar PV. They may be added in any proportion to strengthen one or more of the trichromatic colours in order to obtain special colour values or to suit particular production procedures (e.g. the use of ultra fine screen fabric). Use of Trichromatic Concentrates TZ is recommended in preference to Universal Tinters because printing and drying performance is not impaired.

TZ052	Yellow
TZ135	Magenta
TZ215	Cyan

Available in 1 ltr containers.

Safety and Handling

Permastar PV:

- Is formulated free from lead and other heavy metals and therefore should comply to the EN71-3: 1988 Toy Safety Standard.
- Should be stored away from heat.

Comprehensive information on the safety and handling of Permastar PV screen inks and solvents is given in the appropriate Sericol Safety Data Sheet, available on request.

Environmental Information

Permastar PV:

- Does not contain ozone depleting chemicals as described in the Montreal Convention.

Main Characteristics

Finish

Matt/Satin

Drying

Jet drying: 30-50°C, 15-20 seconds.

Air drying:

5-6 minutes. Overprints may require longer.

Thinning

Press-ready, but may be thinned up to 15% with ZC521 Thinner. Tursub 245 or white spirit may be used but loss of drying speed/self solvency will result. Hot shop conditions use ZC529.

Wash-up

ZC521, Seriwash Universal Screen Wash or Actisol Superjet Screen Spray.

Mesh

Nos. 100-150 monofilament

Stencil Type

All types of solvent resistant stencil are suitable.

Recommended:

Dirasol 902, Dirasol 916, Indirect or 18/25 micron capillary film

Coverage & Mesh No.

60-65 m²/ltr./120

Applications

Paper, display board and corrugated board.

Colour Range

Trichromatic to DIN 16538/9.

Properties

Fast, cool jet drying. Excellent screen stability and self-solvency with exceptional hold out on suitable materials. Suitable for all production methods. Thixotropic structure for sharp definition.

Co-Use With Other Inks

Permastar PV may be printed over or overprinted by Colorjet CO.

IMPORTANT:

Stir well before every use.

The information and recommendations contained in this Product Information sheet, as well as technical advice otherwise given by representatives of our Company, whether verbally or in writing, are based on our present knowledge and believed to be accurate. However, no guarantee regarding their accuracy is given as we cannot cover or anticipate every possible application of our products and because manufacturing methods, printing stocks and other materials vary. For the same reason our products are sold without warranty and on condition that users shall make their own tests to satisfy themselves that they will meet fully their particular requirements. Our policy of continuous product improvement might make some of the information contained in this Product Information sheet out of date and users are requested to ensure that they follow current recommendations.

SERICOL
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