

Technical Data Sheet

Vision 3000 Series Pad & Screen-Printing Ink

Characteristics

The Vision 3000 Series is a one-component acrylic-PVC screen and pad printing ink that offers physical drying and a high-gloss finish. Its weather resistance and ease of use make it ideal for outdoor applications.

Application

- Plastics of all kinds
- Rigid and non-rigid PVC
- Polymethacrylate
- Cellulose acetobutyrate
- Various types of polystyrene and polycarbonate

Properties

- High Gloss
- Average/Medium Opacity
- Weather Fastness
- Good Coverage
- Fast Drying

Drying

1 component Vision 3000 inks are dried by physical mechanism.

Air Drying: 10-15 Minutes
In Continuous Dryer: 30-60 Seconds

Colors

Standard Colors: 1 – 29 in our standard color chart
Bronze Colors: 30 – 34 in our standard color chart
Custom Colors: Available upon request
Fluorescent Colors: Available upon request
Halftone Colors: Available upon request

Recommended Thinner / Cleaning Agent / Hardener

PRISMflex Part Number	Description	Available Size
700030	Additive – Slow Thinner	1 Gallon

All of our thinners are mixable and can be used as a cleaner as well.



Safety Data Sheets

Read the safety data sheet prior to processing.

Safety data sheets comply with Regulations (EC) No. 1907/2006 (REACH), Appendix II.

Safety data sheets can be requested by emailing orders@prismflex.com.

Classification and Labeling

Hazard classification and labeling comply with Regulation (EC) No. 1272/2008 (CLP/GHS)

Conformity

PRISMflex does not use any of the substances of mixtures for the production of printing inks, which are banned according to the EUPIA (European Association of the Printing Inks Industry) exclusion policy. Screen printing inks range Type A/AB color shades, standard, highly opaque standard colors (HD), process colors, silver, fluorescent colors and transparent colors comply with the requirements of toy standard, EN 71-3:2019 Safety of toys – Migration of certain elements (category III: scraped off material). Further compliance confirmations are available upon request. The safety data sheets must be read prior to processing.

Storage

The shelf-life of Vision 3000 inks is 2 years in original, unopened containers.

Available Can Sizes

- 100 grams
- 1 Kilo
- 1 Liter
- 1 Gallon

The printers, converters and the packer/filler have the legal responsibility to ensure that the finished article fits for the intended purposes and that the inks and coating components do not migrate into the consumer good at levels that exceed legal and industry requirements.

The statements in our product and safety data sheets are based on our present experiences, however they are no assurance of product properties and do not justify a contractual legal relationship. They serve to advise our business associates, but it is absolutely necessary to make your own printing tests under local conditions, with regard to the intended purpose prior to starting the job. All former product data sheets are no longer valid.

